



**GEOLOGICAL FIELD SERVICES, INC.**

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## **ASTM PHASE I – ENVIRONMENTAL SITE ASSESSMENT**

**93-105 South Main Street  
Middleton, MA 01949**

**Submitted to:  
Langdon Environmental, LLC  
2 Summer Street  
Natick, MA 01760**

**Prepared by:  
Geological Field Services, Inc.  
14 Hubon Street  
Salem, MA 01970**

**January 28, 2019**



## GEOLOGICAL FIELD SERVICES, INC.

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January 23, 2019

Mr. Bruce Haskell  
Langdon Environmental, LLC  
2 Summer Street  
Natick, MA 01760

RE: 93-105 South Main Street  
Middleton, Massachusetts 01949

Dear Mr. Haskell:

Attached is an electronic copy of the ASTM Phase I– Environmental Site Assessment prepared for the above referenced property. The Property located at 93-105 South Main Street in Middleton has been evaluated for the presence of “recognized environmental conditions” in accordance with the general processes of the ASTM E1527-13 Standard Practice for Environmental Site Assessments. The Property history was reviewed and three “recognized environmental conditions” (RECs) and one “historic” REC were identified including: a closed floor drain in the Maintenance Building, a public well that had detections of volatile organic compounds in the 1990’s and a former underground storage tank. An ASTM Phase II is recommended to further investigate of these RECs. The “historic” REC is a 1992 hydraulic oil spill that was remediated. No further actions are recommended for this “historic” REC.

Please contact me with any questions.

Sincerely,  
GEOLOGICAL FIELD SERVICES, INC.

A handwritten signature in blue ink, appearing to read 'Luke Fabbri', with a stylized flourish at the end.

Luke Fabbri  
President, LSP

Report Prepared by:

A handwritten signature in blue ink, appearing to read 'Patricia M. Donahue', with a stylized flourish at the end.

Patricia M. Donahue  
Environmental Professional

**93 – 105 South Main Street  
Middleton, Massachusetts 01949**

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## **EXECUTIVE SUMMARY**

The Property located at 93-105 South Main Street in Middleton, Massachusetts has been evaluated for the presence of “*recognized environmental conditions*” in accordance with the general processes of the ASTM E1527-13 Standard Practice for Environmental Site Assessments. The Property history was reviewed and three “recognized environmental conditions” (RECs) and one “historic” REC were identified including: a closed floor drain in the Maintenance Building, a public well that had detections of volatile organic compounds in the 1990’s and a former underground storage tank. An ASTM Phase II is recommended to further investigate of these RECs. The “historic” REC is a 1992 hydraulic oil spill that was remediated. No further actions are recommended for this “historic” REC.

The Property consists of two lots comprising a rectangular 51.56-acre parcel that has been used as an 18-hole golf course since 1966. A residential building was on lot #93 until 2013 when it was demolished. The Property is improved with two buildings, a Clubhouse and a Maintenance Building constructed c. 1965-1966.

Aerial photographs were available for several years between 1938 and 2016. The Property appears to have been farmland and open space from 1938 to the construction of the golf course in 1965-1966. A farmhouse and barn were located in the northeast quadrant of the Property. The barn reportedly burned down about 40 years ago and the house was demolished in 2013. Topographic maps show a stream along the western property boundary prior to construction of the golf course. The golf course has eight ponds incorporated into the design, all of which appear to be man-made.

Electrical and telecommunications are below ground from South Main Street. The buildings are serviced with a non-community public drinking water well and private on-site wastewater disposal.

There is one EDR listing for the Property. A hydraulic oil spill from a truck occurred along South Main Street in 1992. Approximately 10-15 gallons of oil was released to the pavement and no soil was impacted. No other listings are within ¼ mile of the Property.

The Middleton Inspectional Services Department had a demolition permit for #93 Main Street dated 2013 and a building permit for the golf course dated 1965. The Health Department had plans for the septic system dated 1965 and a replacement in 1988. The Office of Fire Prevention had a record of an above ground storage tank (AST) removal in 2004 and a 2018 record with conflicting information regarding a removal and replacement of an AST.

Each building is heated with fuel oil stored in a double wall AST. Reportedly, an underground storage tank (UST) used to store fuel oil was located on the east side of the Clubhouse. The UST was removed more than 30 years ago and replaced with an AST. Herbicides, fertilizers and pesticides are used on the golf course and stored in the garage portion of the Maintenance Building. Repair and maintenance of landscaping vehicles and equipment occurs in the Maintenance Building. Waste oil is stored in two 55-gallon drums



in a storage locker outside the building. A safety clean degreaser is present in the repair room. While oils and lawn care chemicals are used on the Property, they are properly stored and managed. There was no evidence of spills or improper disposal observed during the inspection.

“Recognized environmental conditions” as defined in ASTM E 1527 do not include *de minimis* conditions. Based on the data collected during this Phase I environmental site assessment **four** “*recognized environmental conditions*” as defined in *ASTM E 1527-13* have been identified at the Property. Three of the four *recognized environmental conditions* warrant further investigation.

## **1.0 INTRODUCTION**

Geological Field Services, Inc. (GFS) has been retained by Langdon Environmental, LLC of Natick, Massachusetts to evaluate existing and potential environmental issues within the scope of the American Society for Testing and Materials (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process for the property located at 93-105 South Main Street, Middleton, Massachusetts (the Property). Figure 1 shows the Property locus on Google Earth and Figure 2 is a copy of the Middleton Assessors Map.

### **Purpose**

The objectives of this Phase I Environmental Site Assessment (Phase I) were to determine the potential for a reportable release of oil and/or hazardous materials at the Property to identify, to the extent feasible, any “recognized environmental conditions” in accordance with the general processes of the American Society for Testing and Materials (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. A “recognized environmental condition” is defined by ASTM as the presence or likely presence of any hazardous substances or petroleum products under conditions that indicate an existing release of such substances within the provisions of state and federal rules regarding hazardous substances or petroleum products.

### **Scope of Work**

The Scope of Work for this Phase I included a file review of local, state and federal records, a site reconnaissance visit, and report preparation. This Phase I was prepared in accordance with generally accepted industry practices. The available property history information has been reviewed and the potential for generation, use, treatment, storage and disposal of oil and/or hazardous materials for current and former site operations estimated. The term hazardous materials is used in this report as defined under the U.S. Environmental Protection Agency Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) 42 U.S.C., Section 9601, and the Resource Conservation and Recovery Act 42 U.S.C., Section 6921, Subtitle C.

### **Assumptions, Limitations and Exceptions**

GFS has performed this Phase I Environmental Site Assessment in accordance with the scope and limitations of *ASTM Standard E 1527-13, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process*. This report was prepared with no exceptions or deletions from ASTM Standard E 1527-13.

This Phase I has been prepared to assess a parcel of real estate with respect to the contaminants within the scope of CERCLA (42 U.S.C., Section 9601). This Phase I is intended to permit the buyer to satisfy one of the requirements to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability: that is, the practices that constitute “all appropriate inquiry into the previous ownership and uses of the Subject Property consistent with good commercial or customary practice” as defined in 42 U.S.C. 9601(35)(B).

In defining a standard of good practice for conducting an environmental site assessment

of a property, the goal is to identify *recognized environmental conditions*. The term recognized environmental conditions means the presence or likely presence of any hazardous substances or petroleum products in, on or at a property: 1) due to any release to the environment, 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material of a future release to the environment. The term does include *de minimis conditions* that generally do not present a threat to human health or the environment and that would not be the subject of a response action if reported.

The ASTM Standard E 1527-13 does not encompass environmental sample collection or analytical testing of media including but not limited to asbestos containing materials, radon, lead-based paint, drinking water quality and indoor air quality, ground water, surface water or soil/sediment unless specified in this report.

The observations described in this report were made under the conditions stated herein. The findings presented in the report were based solely upon the services described in GFS's scope of services and not on scientific tasks or procedures beyond the scope of the described services.

The information presented in this report was obtained from federal, state, and local officials, the parties herein referenced, and records maintained by government and/or local agencies. GFS did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

Unless otherwise specified in the report, GFS did not perform physical, chemical, or biological testing or analyses to determine the presence of any hazardous constituents at the site.

The objective of this assessment was to provide environmental data for the evaluation of the Property located at 93-105 South Main Street in Middleton, Massachusetts. Further investigative information, which was not available to GFS at the time of this assessment, may result in a modification of the findings stated in this report. This report has been prepared in accordance with generally accepted site assessment practices. No other warranty, expressed or implied, is made.

### **Special Terms and Conditions**

This Phase I has been prepared at the request of Langdon Environmental, LLC in evaluating the environmental conditions of the Property. Only Langdon Environmental, LLC may rely upon this unless otherwise specified by GFS.

### **Data Gaps**

Any data gaps identified herein, as defined by ASTM Practice E 1527-13, are not considered to significantly affect the ability to identify recognized environmental conditions that would alter the conclusions of this report.

## 2.0 **PROPERTY DESCRIPTION**

### **General Information**

Owner: Corbeau LLC  
P. O. Box 717  
Middleton, MA 01949

Occupants: Golf course employees and customers

Address: 93-105 South Street  
Middleton, MA 01949

Latitude: 42° 35' 13.22"  
Longitude: 71° 0' 54.12"

UTM N: 334654.6  
E: 4716707.5

### **Site Figures**

Figure 1 Google Earth Map  
Figure 2 Assessors Map  
Figure 3 MADEP Priority Resource Map

### **Site Description**

Assessors: The Property consists of 51.56 acres on two lots identified on Middleton Assessor's Map 29 Lot 184 (#105) and Map 29 Lot 185 (#93) as shown in Figure 2.

\* See Figure 2, deed, and Assessors Property Card in Appendix A and photographs in Appendix B

Lot Size: 51.56 Acres

Lot Shape: Rectangular

Zoning: R1A – Residential

Frontage: 1047 feet along South Main Street

Access: South Main Street

Buildings: 2, Clubhouse and Maintenance garage

**Building Description:** The Clubhouse is a 2-story building with a gabled roof and addition to the south. The Maintenance building is 1-story with a gabled roof. Both buildings built in c. 1966.

Total Building Area: Clubhouse is 7,868 square feet  
Maintenance Building is 1,680 square feet

Building Footprint: Clubhouse 3,315 square feet  
Maintenance Building is 1,680 square feet

Stories: Clubhouse 2, Maintenance Building 1

Construction: The Clubhouse is a 2-story concrete block and wood frame and siding construction with a wood shingled roof. The Maintenance building is 1-story concrete block construction with an asphalt shingled roof.

Foundation: Both buildings are concrete block and concrete.

Parking Area: 40,000 sq. ft. bituminous concrete pavement

Basement: None.

\*See photographs in Appendix B.

#### **Site Utilities**

Electrical and communication lines for the Property are located below ground from South Main Street. The Property has private water and wastewater disposal.

Drainage: One catch basin is located southwest of the Maintenance Building but does not appear to have an outlet.

#### **General Description of Surrounding Land Use:**

The Property is located on the west side of South Main Street, aka State Highway 114, which is a busy commercial corridor running northwest-southeast. The surrounding properties are a mix of residential (south and west) and commercial business along South Main Street. Open space and wetlands are northwest of the Property.

**Estimated Number of On-Site Workers:** 3-5

**Estimated Residential Population within 0.5 miles:** <1000

**Number of Institutions within 500 feet:** 0

### **3.0 USER PROVIDED INFORMATION**

This Phase I did not include a title record review beyond that described in this report. Information regarding environmental liens and activity and uses limitations were obtained from Environmental Data Resources, Inc. (EDR). No environmental liens

or activity and use limitations on the Property were identified. An ASTM E1527-13 Questionnaire was completed based on a site visit, town and state records, general manager interview and the EDR report.

#### **4.0 RECORD REVIEW**

##### ***Data Resources***

The file review included a review of property-specific and regional information collected from various sources and agencies including an EDR radius report with GeoCheck provided by EDR, MADEP, and other state, federal and local agencies. Local agencies included the Middleton Assessor's Office, Clerk's Office, Conservation Department, Health Department, Building/Inspection Department, and the Office of Fire Prevention. Information gathered from these agencies was evaluated along with observations made during a property walkover to assess the environmental condition of the Property.

##### ***Environmental Data Resources, Inc.***

EDR provides the EDR Radius Map Report with GeoCheck, which is a summary of available federal, state, and local permits and aerial photographs. The EDR also included historical topographic maps and Town directories. Sanborn maps were not available for the Property.

The EDR Radius Map Report provides general site information regarding USTs, ASTs, RCRA generators, NPL sites, CERCLIS sites, landfills, hazardous waste sites and MADEP disposal sites. The EDR report is attached in Appendix C of this report.

Aerial photographs were available for the years 1938, 1952, 1955, 1965, 1969, 1978, 1980, 1985, 1995, 2008, 2012 and 2016. The Property appears to be agricultural in the 1938 – 1965 aerial photographs. The photographs show the southern portion of the Property was fields and the northwest portion was undeveloped. The western portion of the Property contained wetlands and a stream on the historical topographic maps in the 1940's and 1950's. Uniform plantings consistent with orchards are visible in the south central and northeast portions of the Property. Two buildings, likely the farmhouse and barn are seen in the northeast quadrant. A pond becomes visible in the central portion of the Property in 1965 although the outline is also visible in 1955 indicating it is man-made. The housing development, Brigadoon Village, to the south is beginning to be cleared in 1955 and has been constructed by 1965. The golf course is clearly seen on the 1969 photo and remains unchanged through 2016. Eight ponds are visible and appear to be man-made. The barn is gone between 1985 and 1995, which is consistent with anecdotal information that it burned down approximately 40 years ago. The house is removed between 2012 and 2016, which is consistent with the 2013 demolition permit. The parking lot and buildings have remained in their current locations since the golf course was constructed. City Directories list Peter Johnson from 1973-2010 at #93 and Middleton Golf Course from 1973-2014 at #105.

### ***MADEP***

State sources reviewed included the State Sites List for Middleton (January 14, 2019), the MADEP UST List and the Water Supply database portal. A copy of the State Sites List for Middleton is attached in Appendix D. The Property is not on the State Sites or UST list. The EDR report lists one spill at the Property which occurred along the roadway (N92-0799). A broken hydraulic oil line on a BFI truck sprayed oil approximately along 300 feet of roadway on June 25, 1992. An estimated 10-15 gallons was released. The spill was reported and cleaned up by BFI and no soil or catch basins were impacted. No further action was required by MADEP. There are no other listings within 1/4 mile of the Property.

Water quality information available from MADEP shows a detection of 1, 1-dichloroethane in 1993 (3.6 ug/l) and 1995 (.002 ug/l), although the latter result was below the reportable detection limit. Reportedly, no volatile organic chemicals (VOCs) were detected in 1994 (personal communication James Persky MADEP January 22, 2019). VOC testing for this category of water supply is not required. Information at MADEP indicates the well is a 6-inch diameter, 270 foot deep bedrock well. Water quality data from MADEP is included in Appendix D.

### ***Middleton Assessor's Office***

GFS obtained the Property field card and ownership information from the Assessor's Office and the assessor's map from the Town of Middleton GIS Web Site. The Property data is presented in Appendix A.

### ***Middleton Clerk's Office***

The Clerk's Office had no records of licenses or special permits for the Property.

### ***Middleton Conservation Office***

The Conservation Office had no records for the Property.

### ***Middleton Health Department***

The Health Department records were mainly regarding the septic systems including pumping records and replacement plans (1988). The original septic system application was dated 1965. Water quality analyses from 1987 and 1990 were also in the file. A food license is on record for the clubhouse. There were no records concerning oil or hazardous materials.

### ***Middleton Inspectional Services Department***

The Middleton Building Department had a number of permit application for the buildings including the original building application (1965), addition to clubhouse (1980), renovation of the pro-shop (1985), installation of a patio over the roof (1987), an addition to the maintenance shed (1988), septic system plan (1988), wire the irrigation pump house (1997), and demolition permit for #93 (2013). Copies of the Inspection Services records can be found in Appendix E.

### ***Middleton Fire Department***

The Middleton Fire Department's had a record of a 275 gallon AST removal in 2004 and a 2018 oil tank removal and installation. No further information was available.

## **5.0 PHYSICAL SETTING**

### **Surface Water Features**

**No**

There are eight ponds on the Property, seven were created as part of the golf course design and one was present prior to the golf course construction.

### **Current Drinking Water Source Area:**

**Yes**

There is a public transient non-community (TNC) drinking water well (3184004-01G) between the clubhouse and garage on the southern portion of the Property. There is a 400 foot Interim Wellhead Protection Area (IWPA) around the well as shown in Figure 3.

### **Potential Drinking Water Source Area:**

**No**

### **Designated Non-Potential Drinking Water Source Area:**

**No**

### **High Yield Aquifer:**

**No**

### **Medium Yield Aquifer:**

**No**

### **Areas of Critical Environmental Concern:**

**No**

### **Sole Source Aquifers:**

**No**

### **Protected Open Space:**

**No**

### **Fish Habitats:**

**Yes**

### **Habitats of Species of Special Concern or Threatened or Endangered Species:**

**No**

## **Topography**

Elevation above mean sea level (MSL):

~81 feet

Property Topography: The Property topography is relatively flat with a slightly higher elevation at the southeast corner of the Property. The topography around the golf course is gently undulating.

Surrounding Topography: The surrounding topography is generally flat in all directions with a few low hills and wetlands to the north.

Drainage: One catch basin was observed southwest of the Maintenance Building. There are no engineered drainage structures. However, there are



man-made ponds incorporated into the golf course design. Water from the ponds is used for irrigation. Storm water and surface water runoff would follow the topographic grade to the north and west.

Depth to ground water: Unknown

Ground water flow direction: Unknown.

Ground water flow rate: Unknown.

Overburden: Unknown.

Depth to bedrock: Unknown.

## **6.0 *PROPERTY HISTORY***

**Current Owner:** Corbeau LLC  
P. O. Box 717  
Middleton, MA 01949

**Current Use:** Golf course.

**Previous Uses:** Historical use of the Property was determined based on aerial photographs, topographic maps and city directories contained in the EDR report.

The Property was farmland and forest on the 1938, 1952 and 1955 aerial photos with two buildings (likely a house and barn) on the #93 South Main St. lot (EDR). The Property was developed into a golf course during 1965-1966 and the golf course is clearly seen on the 1969 aerial photo (EDR). The house is removed between 2012 and 2016 with a demolition permit issued by the Town in 2013 (MID).

### **Data Sources**

EDR = Aerial photos, topographic maps

MID = Middleton Town Records

## **7.0 *SITE RECONNAISSANCE***

On January 17, 2019, GFS conducted a site visit to verify the general description and condition of the Property and surrounding properties and to search for evidence of the current and past use and storage of oil and/or hazardous materials. Mr. Steven Tricca, the General Manager of Middleton Golf Course, facilitated the inspection. Photos collected during the site reconnaissance are attached in Appendix B.

The weather was clear, breezy and cold at about 17 degrees Fahrenheit. The Property is located on the west side of South Main Street along a primarily retail commercial corridor in Middleton. Residential properties are located to the south and west, undeveloped woods to the northwest and commercial businesses to the east.

The Property is an 18-hole, par 3 golf course that is open to the public. A large paved parking lot is at the entrance off Route 114 and leads to the Clubhouse and the Maintenance Building (Photo 39). Between the two buildings is a public well that services both buildings (Photo 4). The Clubhouse (Photos 1, 3) has a pro-shop (Photo 7), restrooms, furnace room (Photo 8) and storage room on the ground floor. The heating system is forced hot air. The building is heated with fuel oil stored in a 275-gallon AST outside the building (Photo 5). The AST is a Roth double walled tank with the feed and vent lines overhead. Reportedly, the current AST replaced two 275-gallon capacity ASTs a few years ago. The ASTs replaced a UST on the east side of the Clubhouse installed when the golf course was constructed (c. 1965-1966). The UST was reportedly removed more than 30 years ago, but there are no available records. Two propane tanks are outside, along the eastern wall of the Clubhouse and are used in the upstairs kitchen. A café, which was closed for the season, is located on the second floor of the Clubhouse (Photo 12).

The Maintenance Building contains a heated maintenance shop and an unheated garage. The maintenance shop has an area for repairs (Photos 15, 16), an office, restroom and shower room now used for storage. In the northwest corner was the storage tank for the water supply (Photo 14). In the southwest corner is a safety clean degreaser. The heating system is overhead forced hot air. In the middle of the floor was a closed floor drain (Photo 17). The equipment and tools were well organized and the concrete floor was clean with only minor staining. Landscaping equipment and tools (mowers, spreaders, tractors) are stored in the garage portion of the building. Along the southern wall of the garage is a 138-gallon AST for diesel fuel and a 275-gallon Roth brand double walled AST for fuel oil. The fuel oil AST is the same as that servicing the Clubhouse. There were also several gas cans and a drum of lubricating oil. At the rear of the garage is a chemical storage room that contains numerous 2.5-gallon containers of fungicide, fertilizer, crop oil concentrate, sunscreen concentrate, gallon paints cans and a pesticide storage locker. The chemical storage room was very well organized and clean. There was no visible evidence of spills, staining or odors.

South of the Maintenance Building is a fenced area where golf carts are stored. The golf carts are gasoline powered. Also along the eastern side of the buildings is a storage shed for golf course equipment and a ball washing machine. On the south side of the building are construction material storage (piping), a concrete and wood storage locker for 2-55 gallon drums of waste oil (Photos 33, 34) and a concrete storage locker for gas containers (Photos 35, 36). A storage trailer to the south of the building contained two utility vehicles (Photos 37, 38). In front of the storage trailer is a catch basin which appears to function as a dry well with no outlet. To the west of the Maintenance building are two dumpsters and discarded tires (Photo 40).

The on-site sanitary system is located to the north of the parking lot. Two access manholes were observed just off the paved surface (Photo 42).

The area where a house and barn were once located is cleared and vegetated with no evidence of the buildings visible. An old stone wall is present on the south side of this lot and the location of the former driveway is visible (Photo 43). To the rear (west) was an area of cut vegetation and brush.

Electrical service is below ground from South Main Street. There were no signs of oil or hazardous materials dumping or spillage at the Property.

The Standard ASTM 1527 questionnaire was completed by GFS on January 18, 2019. Relevant questions are highlighted below and the full ASTM report is attached in Appendix F.

**With the exception of small quantities of household cleaners are oils and/or hazardous or potentially hazardous materials currently used or stored on the Property?** **Yes**

There is waste oil, gasoline, diesel fuel, fuel oil, pesticides and herbicide storage.

**Is there evidence of past use or storage of hazardous materials?** **Yes**

There is waste oil, gasoline, diesel fuel, fuel oil, pesticides and herbicide storage.

**Are there existing USTs?** **No**

**Were there USTs removed from the Property?** **Yes**

UST removed from the east side of the Clubhouse.

**Are there existing ASTs on the Property?** **Yes**

There are two 275-gallon ASTs, one in the garage and one outside the Clubhouse

**Were there ASTs removed from the Property?** **Yes**

Two 275 gallon ASTs were removed from the clubhouse.

**Are there floor drains?** **Yes**

There is a sealed floor drain in the Maintenance Building.

**Are there hydraulic floor lifts?** **No**

**Are there any transformers?** **No**

## **8.0 INTERVIEWS**

During this Phase I the following departments were contacted and/or persons were interviewed to obtain information regarding recognized environmental conditions in connection with the property

Assessor's Office	Terese Fontaine	Property ownership
Inspectional Services	Wendy Williams	Building Permits
Health Department	Wendy Williams	Health/Complaints/ Septic/Private well
Fire Department	Robert Aldenberg	USTs/ASTs
Town Clerk	Carmelina Fiore	Licenses, Special Permits
General Manager	Steve Tricca	Current and Historical Information

## **9.0 PREVIOUS INVESTIGATIONS**

No previous investigations of the Property were provided.

## **10.0 CONDITIONS OUTSIDE THE SCOPE OF ASTM PRACTICE E 1527-13**

GFS did not assess any conditions outside the scope of ASTM E 1527-13 including asbestos, lead paint, radon, or lead in drinking water.

## **11.0 CONCLUSIONS**

The Property located at 93-105 South Main Street in Middleton, Massachusetts has been evaluated for the presence of "*recognized environmental conditions*" in accordance with the general processes of the ASTM E1527-13 Standard Practice for Environmental Site Assessments. The Property history was reviewed and three RECs and one "historic" REC were identified including: a closed floor drain in the Maintenance Building, a public well that had detections of volatile organic compounds in the 1990's and a former underground storage tank. An ASTM Phase II is recommended to further investigate of these RECs. The "historic" REC is a 1992 hydraulic oil spill that was remediated. No further actions are recommended for this "historic" REC.

The Property consists of two lots comprising a rectangular 51.56-acre parcel that has been used as an 18-hole golf course since 1966. A residential building was on lot #93 until 2013 when it was demolished. The Property is improved with two buildings, a Clubhouse and a Maintenance Building constructed c. 1965-1966.

Aerial photographs were available for several years between 1938 and 2016. The Property appears to have been farmland and open space from 1938 to the construction of the golf course in 1965-1966. A farmhouse and barn were located in the northeast quadrant of the Property. The barn reportedly burned down about 40 years ago and the house was demolished in 2013. Topographic maps show a stream along the western property boundary prior to construction of the golf course. The golf course has eight ponds incorporated into the design, all of which appear to be man-made.

Electrical and telecommunications are below ground from South Main Street. The buildings are serviced with a non-community public drinking water well and private on-site wastewater disposal.

There is one EDR listing for the Property. A hydraulic oil spill from a truck occurred along South Main Street in 1992. Approximately 10-15 gallons of oil was released to the pavement and no soil was impacted. No other listings are within ¼ mile of the Property.

The Middleton Inspectional Services Department had a demolition permit for #93 Main Street dated 2013 and a building permit for the golf course dated 1965. The Health Department had plans for the septic system dated 1965 and a replacement in 1988. The Office of Fire Prevention had a record of an AST removal in 2004 and a 2018 record with conflicting information regarding a removal and replacement of an AST.

Each building is heated with fuel oil stored in a double wall AST. Reportedly, an UST used to store fuel oil was located on the east side of the Clubhouse. The UST was removed more than 30 years ago and replaced with an AST. Herbicides, fertilizers and pesticides are used on the golf course and stored in the garage portion of the Maintenance Building. Repair and maintenance of landscaping vehicles and equipment occurs in the Maintenance Building. Waste oil is stored in two 55-gallon drums in a storage locker outside the building. A safety clean degreaser is present in the repair room. While oils and lawn care chemicals are used on the Property, they are properly stored and managed. There was no evidence of spills or improper disposal observed during the inspection.

“Recognized environmental conditions” as defined in ASTM E 1527 do not include *de minimis* conditions. Based on the data collected during this Phase I environmental site assessment **four** “*recognized environmental conditions*” as defined in *ASTM E 1527-13* have been identified at the Property. Three of the four *recognized environmental conditions* warrant further investigation.

## **12.0 DECLARATION OF ENVIRONMENTAL PROFESSIONAL**

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR 312.10.

I have the specific qualifications based on education, training and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312. Any exceptions to, or deletions from, these practices are described in section 9.0 of this report.



Patricia M. Donahue  
January 23, 2019

## **13.0 REFERENCES**

ASTM Designation E 1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.

Town of Middleton data, refer to Section 4

EDR Radius Map Report with Geotcheck, Aerial Photo Decade Package and Historical Topo Map Report; Inquiry Number 5532837, January 14, 2019.

Google Earth Image: 105 South Main Street, Middleton, MA 01949, image dated April 22, 2018, obtained: January 14, 2019.

MADEP Drinking Water Data Portal obtained January 14, 2019 from <https://eeaonline.eea.state.ma.us/Portal/#!/search/drinking-water>.

MADEP. Priority Resource Map. Obtained January 14, 2019 from <http://www.arcgis.com/home/webmap/viewer.html?useExisting=1>.

MADEP State Sites List obtained January 14, 2019 from <https://eeaonline.eea.state.ma.us/portal#!/search/wastesite>.

Essex South Registry of Deeds, obtained January 21, 2019, <http://saalemdeeds.com/saalemdeeds/DefaultSearch2.aspx>.




# FIGURES



# Middleton Golf Course

105 South Main St.

## Legend

-  Fuller Meadow School
-  Julie's Advanced Skin Care Day
-  Middleton Golf Course
-  Middleton Golf Course
-  Solbean Cafe

Middleton Golf Course

Google Earth

© 2018 Google

1000 ft







**Middleton, MA**

**1 inch = 537 Feet**

0                    537                    1075                    1613



CAI Technologies

**www.cai-tech.com**

**January 15, 2019**



PWater	Tract Line		Chapter 61, 61A and 61B Land		IWPAs
Private Road	Property Hook		A		
Property Line	RoadNotPar		AE		
Public Road	WaterLines		X		

Data shown on this map is provided for planning and informational purposes only. The municipality and CAI Technologies are not responsible for any use for other purposes or misuse or misrepresentation of this map.



# MassDEP - Bureau of Waste Site Cleanup

## Site Information:

93-105 SOUTH MAIN STREET MIDDLETON, MA

### NAD83 UTM Meters:

4716954mN, 334708mE (Zone: 19)

January 14, 2019

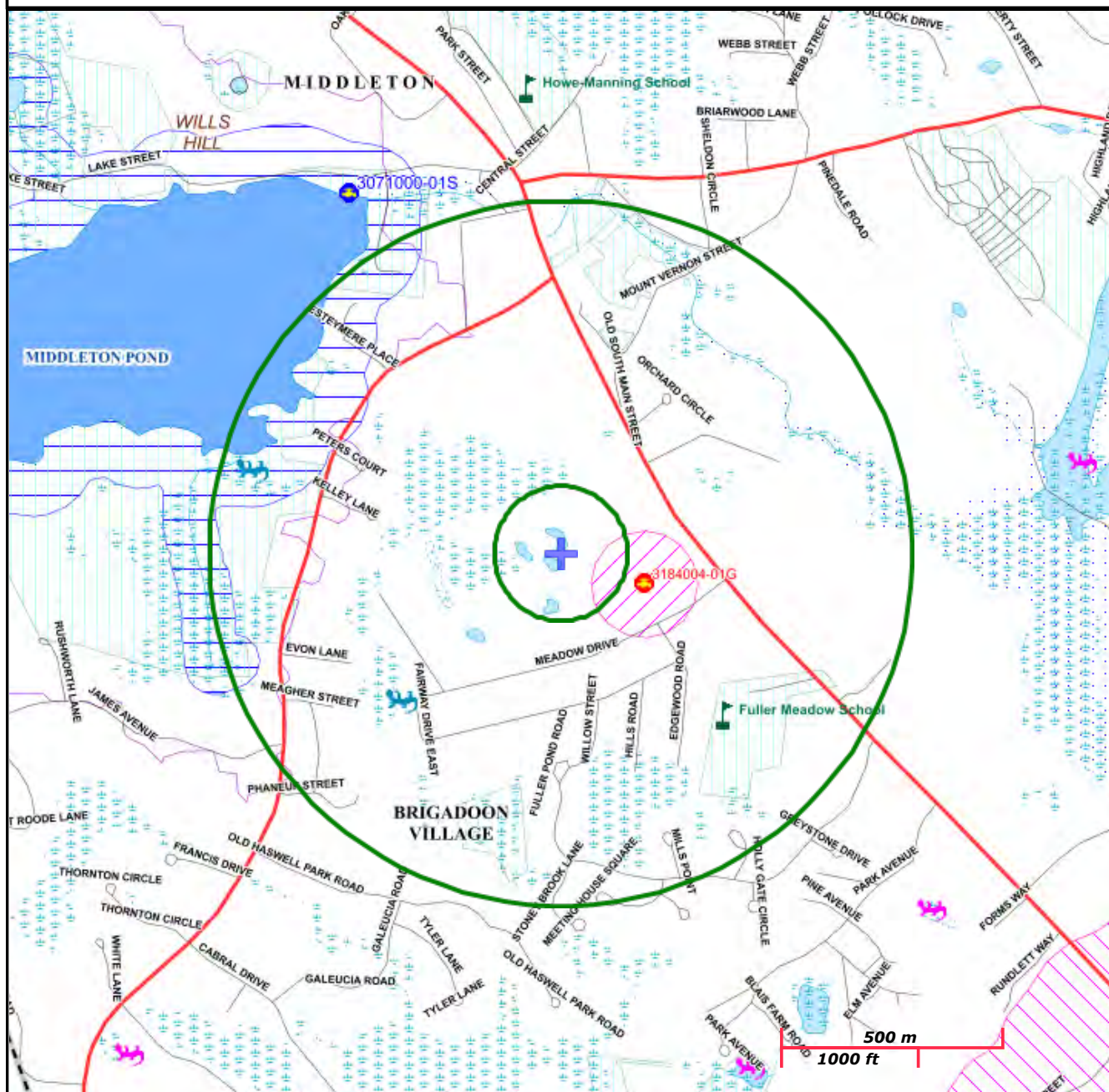
## Phase 1 Site Assessment Map: 500 feet & 0.5 Mile Radii

The information shown is the best available at the date of printing. However, it may be incomplete. The responsible party and LSP are ultimately responsible for ascertaining the true conditions surrounding the site. Metadata for data layers shown on this map can be found at:  
<http://www.mass.gov/mgis/>.



**MassDEP**

Commonwealth of Massachusetts  
Department of Environmental Protection



Roads: Limited Access, Divided, Other Hwy, Major Road, Minor Road, Track, Trail

Boundaries: Town, County, DEP Region; Train; Powerline; Pipeline; Aqueduct

Basins: Major, PWS; Streams: Perennial, Intermittent, Man Made Shore, Dam

Aquifers: Medium Yield, High Yield, EPA Sole Source.....

Non Potential Drinking Water Source Area: Medium, High (Yield)....

PWS Protection Areas: Zone II, IWPA, Zone A .....

Hydrography: Open Water, PWS Reservoir, Tidal Flat .....

Wetlands: Freshwater, Saltwater, Cranberry Bog .....

FEMA 100yr Floodplain; Protected Open Space; ACEC .....

Est. Rare Wetland Wildlife Hab; Vernal Pool: Cert., Potential

Solid Waste Landfill; PWS: Com.GW,SW, Emerg., Non-Com.

# **APPENDIX A**

This space is reserved for the Registry of Deeds

TRUSTEES' CERTIFICATE

We, Sarah B. George and Katharine A. Brown, as Trustees of the Frank B. W. Brown Nominee Trust, u/d/t dated November 16, 1988 and recorded in the Essex County South Registry of Deeds in Book 9817, Page 219 (the "Trust"), hereby certify as follows:

1. That we are the sole Trustees of the Trust;
2. That the Trust has not been altered, amended, revoked, or terminated and is in full force and effect;
3. That we have full power and authority and have been directed by the beneficiaries of the Trust, to convey, for consideration of less than \$100.00, the Trust's interest in the premises in Middleton, MA described in a deed recorded in said Registry at Book 9817, Page 239, to Corbeau LLC, a Massachusetts limited liability company.

WITNESS the execution hereof under this seal this 8<sup>th</sup> day of March, 2018.

Sarah B. George  
Sarah B. George, Trustee

Katharine A. Brown  
Katharine A. Brown, Trustee

Commonwealth of Massachusetts

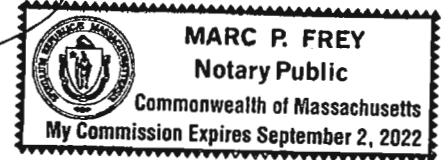
Essex, ss.

March 8, 2018

On this 8<sup>th</sup> day of March, 2018, before me, the undersigned notary public, personally appeared Sarah B. George, Trustee, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

NOTARY PUBLIC:

Commonwealth of Massachusetts

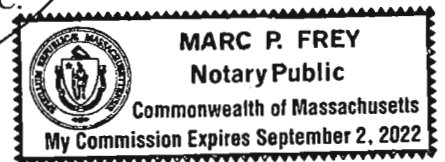


Essex, ss.

March 8, 2018

On this 8<sup>th</sup> day of March, 2018, before me, the undersigned notary public, personally appeared Katharine A. Brown, Trustee, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person who signed the preceding or attached document in my presence, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

NOTARY PUBLIC:



3  
duh

SO. ESSEX #213 Bk:36585 Pg:575  
03/15/2018 01:19 DEED Pg 1/3

### QUITCLAIM DEED

We, Sarah B. George and Katharine A. Brown, as Trustees of the Margaret H. Brown Nominee Trust, u/d/t dated November 16, 1988 and recorded with the Essex South Registry of Deeds in Book 9817, Page 225,

for consideration of less than one hundred dollars,

grant to Corbeau LLC, a Massachusetts limited liability company, of 85 S. Main Street, P.O. Box 717, Middleton, Essex County, Massachusetts,

with quitclaim covenants,

an undivided one-half (1/2) interest in the following land in Middleton, Essex County, Massachusetts:

Parcel I. The land in Middleton, bounded and described as follows:

Beginning on the Westerly side of South Main Street at the Northeasterly corner of Lot B on plan hereinafter referred to; thence running in a general

WESTERLY AND

SOUTHWESTERLY direction on 8 courses as shown on a street plan a distance of 2,018.68 feet to land formerly of the Estate of Daniel Fuller; thence running

NORTHWESTERLY as the stone wall stands and continuing in the same general direction by land formerly of said Fuller Estate and land now or formerly of Richardson about 770.61 feet to a corner; thence running

NORTHEASTERLY by land of owners unknown and land of Henderson 2090.75 feet to said South Main Street; thence running

SOUTHEASTERLY by said South Main Street, 376.94 feet to a bound stone; thence on a curve to the left, said curve having a radius of 1000 feet; a distance of 176.70 feet to the point of beginning.

Being shown as Lot A on a plan of "Land of Felicia Jankowski, Middleton, Scale 1" = 160', Feb.

1944, T.A. Appleton, C.E." duly recorded in Essex South District Registry of Deeds, Book 3373, Page 1.

Containing 30.55 acres more or less, according to said plan.

Parcel II. The land in Middleton, bounded and described as follows, viz:

Beginning at the Northeasterly corner of the lot herein conveyed at the Southeasterly corner of Lot A on plan hereinafter referred to; thence running

SOUTHEASTERLY	by South Main Street on a curve to the left, said curve having a radius of 1,000 feet, a distance of 55.24 feet to a bound stone; thence continuing
SOUTHEASTERLY	by South Main Street 437.86 feet to land formerly of the Estate of Daniel Fuller; thence running
SOUTHWESTERLY	by land formerly of the Estate of Daniel Fuller as the wall stands, 1,057.46 feet to an angle; thence running
WESTERLY	by land of said Fuller Estate as the wall stands, 1,040.46 feet to a corner; thence running
NORTHWESTERLY	by said Fuller Estate land as the wall stands, 311.98 feet to the Southwesterly corner of said Lot A; thence running in a general
NORTHEASTERLY AND EASTERLY	direction by 8 courses, bounded Northwesterly by said Lot A distance of 2,018.68 feet to said South Main Street and the point of beginning.

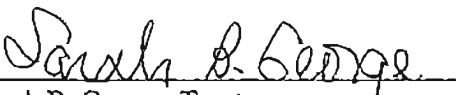
Containing 20.95 acres and being shown as Lot B on a plan of Land of Felicia Jankowski hereinabove mentioned.


Excepted from these premises is that parcel of land with the buildings thereon, more particularly of 2.137 acres described on a plan by Hayes Engineering, Inc., 828 Lynn Fells Parkway, Melrose, Mass. entitled "Plan of Land in Middleton, Mass., belonging to Alice M. Johnson," recorded in Essex South District Registry of Deeds in Plan Book 104, Page 64.

Also excepted from these premises is that parcel of land described in a plan by Hayes Engineering, Inc., 828 Lynn Fells Parkway, Melrose, Mass. entitled "Plan of Land in Middleton owned by Frank B.W. Brown and Margaret H. Brown, Scale 1" = 80', July 21, 1970," recorded in Essex South District Registry of Deeds in book 8754, Page 338.

Being the same premises conveyed by deed of Margaret H. Brown dated November 16, 1988, recorded in said registry at Book 9817, Page 237.

WITNESS our hands and seals this 8<sup>th</sup> day of March, 2018.

  
Sarah B. George, Trustee

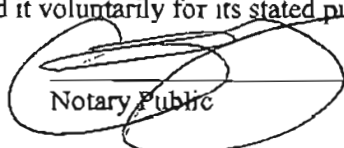
  
Katharine A. Brown, Trustee

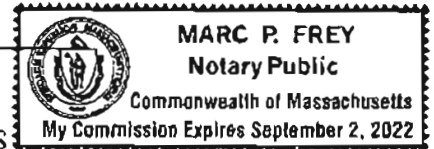
COMMONWEALTH OF MASSACHUSETTS

Essex County

March 8, 2018

On this 8<sup>th</sup> day of March, 2018, before me, the undersigned notary public, personally appeared Sarah B. George, Trustee as aforesaid, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document, and who acknowledged to me that she signed it voluntarily for its stated purpose.

  
Notary Public



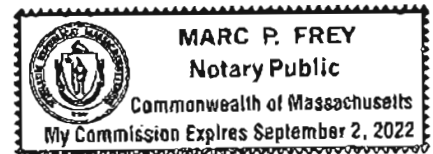
COMMONWEALTH OF MASSACHUSETTS

Essex County

March 8, 2018

On this 8<sup>th</sup> day of March, 2018, before me, the undersigned notary public, personally appeared Katharine A. Brown, Trustee as aforesaid, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document, and who acknowledged to me that she signed it voluntarily for its stated purpose.

  
Notary Public





## **APPENDIX B**

## APPENDIX B – Photographs



Photo 1 – Clubhouse building



Photo 2 – Golf course facing west



Photo 3 – Clubhouse south side



Photo 4 – Non-community public well



Photo 5 – 275 gallon #2 AST in containment



Photo 6 – Propane tanks for kitchen





Photo 7 – Pro Shop ground floor of Clubhouse



Photo 8 – Clubhouse furnace, overhead feed lines



Photo 9 – Floor of women's restroom in Clubhouse



Photo 10 – Floor of men's restroom in Clubhouse



Photo 11 – Storage room, Clubhouse addition



Photo 12 – Café, upstairs in Clubhouse





Photo 13 – Maintenance Building



Photo14 – Water pump in corner of work room

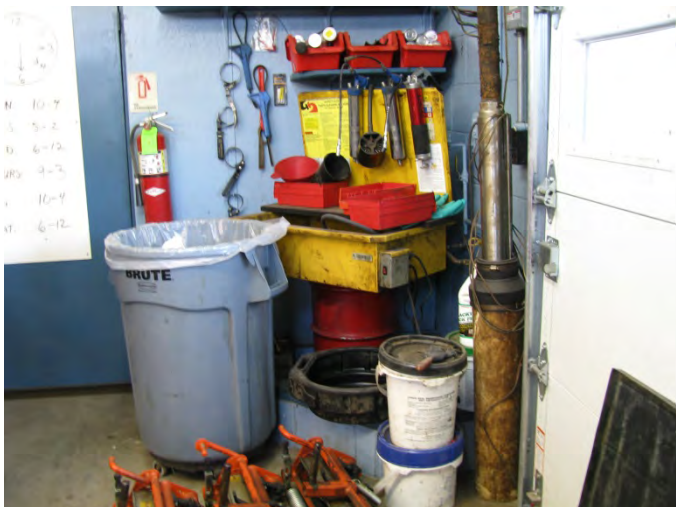


Photo 15 – Safety clean degreaser in shop



Photo 16 – Maintenance building shop



Photo 17 – Former floor drain under mower



Photo 18 – Heating system, overhead feed lines





Photo 19 – Office in maintenance shop

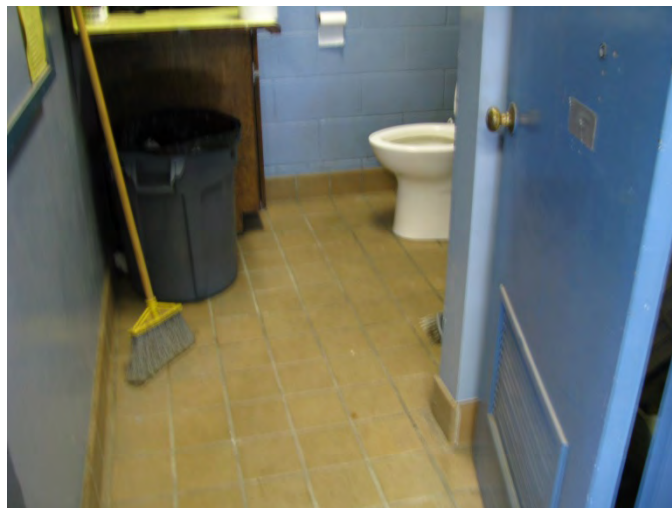


Photo 20 – Restroom floor in maintenance shop



Photo 21 – Mowers, equipment in garage



Photo 22 – Gas containers, garage



Photo 23 – Diesel fuel AST, lubricating oil drum



Photo 24 - #2 Fuel oil AST in garage





Photo 25 – Mowers stored in garage

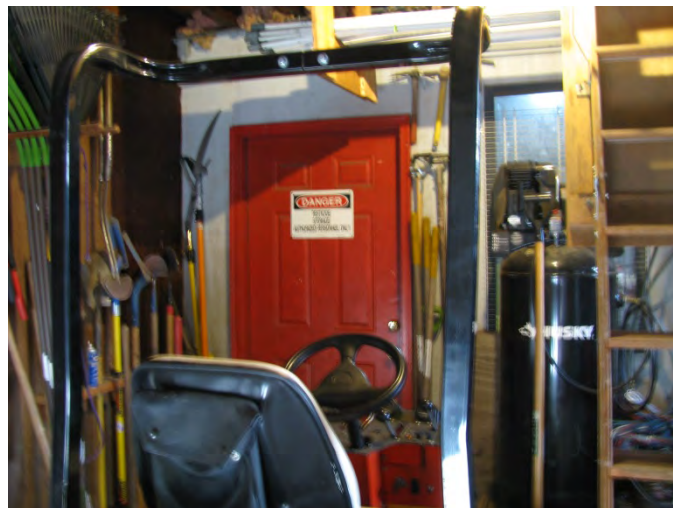


Photo 26 – Door to chemical storage room



Photo 27 – Chemical storage locker



Photo 28 – Fertilizer container



Photo 29 - Paint storage



Photo 30 – Fungicide container





Photo 31 – Golf cart storage



Photo 32 – Storage room maintenance building shed



Photo 33 – Containment for waste oil drums



Photo 34 – Waste oil drums



Photo 35 – South side of maintenance building, gas storage locker, equipment storage



Photo 36 – Inside gas can storage locker





Photo 37 – Storage trailer, catch basin



Photo 38 – Vehicle in trailer



Photo 39 – Parking lot and Maintenance Building



Photo 40 – Dumpster west of garage



Photo 41 – Sand storage piles, east parking lot



Photo 42 – Septic system manholes





Photo 43 – Area of former house at #93 S. Main St.



Photo 44 – Cut brush near #93



Photo 45 – Northern portion of golf course



Photo 46 – Golf course from S. Main Street

## **APPENDIX C**

**105 South Main St**  
105 South Main St  
MIDDLETON, MA 01949

Inquiry Number: 5532837.2s  
January 14, 2019

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

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Detail Map .....	3
Map Findings Summary .....	4
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Orphan Summary .....	90
Government Records Searched/Data Currency Tracking .....	GR-1
 <b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting SSURGO Soil Map .....	A-5
Physical Setting Source Map .....	A-15
Physical Setting Source Map Findings .....	A-17
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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### **TARGET PROPERTY INFORMATION**

#### **ADDRESS**

105 SOUTH MAIN ST  
MIDDLETON, MA 01949

#### **COORDINATES**

Latitude (North):	42.5870060 - 42° 35' 13.22"
Longitude (West):	71.0150350 - 71° 0' 54.12"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	334654.6
UTM Y (Meters):	4716707.5
Elevation:	81 ft. above sea level

### **USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY**

Target Property Map:	5644832 READING, MA
Version Date:	2012
Southeast Map:	5642648 SALEM, MA
Version Date:	2012

### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from:	20140712
Source:	USDA

# MAPPED SITES SUMMARY

Target Property Address:  
105 SOUTH MAIN ST  
MIDDLETON, MA 01949

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	BFI	RT 114 @ 105 MAIN ST	SPILLS		TP
<a href="#">2</a>	SETER TRANSPORTATIO	SOUTH MAIN ST BOSTON	SHWS, RELEASE	Higher	2151, 0.407, North
<a href="#">3</a>	RICHARDSON'S DAIRY	152 SOUTH MAIN ST	SHWS, RELEASE	Higher	2643, 0.501, ESE
<a href="#">A4</a>	INTERSECTION OF RTE	4 SOUTH MAIN ST	SHWS, RELEASE	Lower	2787, 0.528, North
<a href="#">A5</a>	CUMBERLAND FARMS #24	4 SOUTH MAIN ST	SHWS, UST, RELEASE	Lower	2787, 0.528, North
<a href="#">A6</a>	NO LOCATION AID	4 SOUTH MAIN ST	SHWS, RELEASE	Lower	2787, 0.528, North
<a href="#">A7</a>	EXXON R/S 3-0364--JC	4 SOUTH MAIN ST	SHWS, RELEASE	Lower	2787, 0.528, North
<a href="#">8</a>	COMMERCIAL PROPERTY	2-20 NORTH MAIN ST	SHWS, RELEASE	Higher	2873, 0.544, North
<a href="#">9</a>	NO LOCATION AID	29 MAIN ST	SHWS, RELEASE	Higher	3277, 0.621, North
<a href="#">10</a>	JOHN GIKAS 2002 TRUS	196-206 SOUTH MAIN S	SHWS, RELEASE, ENF	Higher	4011, 0.760, ESE
<a href="#">11</a>	NO LOCATION AID	206 SOUTH MAIN ST	SHWS, RELEASE, ASBESTOS, HW GEN	Lower	4277, 0.810, ESE
<a href="#">12</a>	NO LOCATION AID	67 NORTH MAIN STREET	SHWS, RELEASE	Higher	4410, 0.835, NNW
<a href="#">13</a>	FIRST PETROLEUM	30 LAKE ST.	SHWS, SPILLS, RELEASE, ASBESTOS	Higher	4810, 0.911, WNW
<a href="#">14</a>	QUARTER MILE NORTH O	73 NORTH MAIN ST	SHWS, LUST, SPILLS, RELEASE	Higher	4869, 0.922, NNW

## EXECUTIVE SUMMARY

### **TARGET PROPERTY SEARCH RESULTS**

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
BFI RT 114 @ 105 MAIN ST MIDDLETON, MA 01949	SPILLS Facility Id: 0000 Case Closed: YES Spill ID: N92-0799	N/A

### **DATABASES WITH NO MAPPED SITES**

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### **STANDARD ENVIRONMENTAL RECORDS**

#### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

#### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### ***Federal RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators

## EXECUTIVE SUMMARY

RCRA-SQG..... RCRA - Small Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System  
US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Solid Waste Facility Database/Transfer Stations

### ***State and tribal leaking storage tank lists***

LUST..... Leaking Underground Storage Tank Listing  
LAST..... Leaking Aboveground Storage Tank Sites  
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
UST..... Summary Listing of all the Tanks Registered in the State of Massachusetts  
AST..... Aboveground Storage Tank Database  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

INST CONTROL..... Sites With Activity and Use Limitation

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Completed Brownfields Covenants Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS..... A Listing of Brownfields Sites

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land



## EXECUTIVE SUMMARY

### **Local Lists of Hazardous waste / Contaminated Sites**

US HIST CDL..... Delisted National Clandestine Laboratory Register  
US CDL..... National Clandestine Laboratory Register

### **Local Land Records**

LIENS..... Liens Information Listing  
LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
RELEASE..... Reportable Releases Database  
SPILLS 90..... SPILLS 90 data from FirstSearch  
SPILLS 80..... SPILLS 80 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites

## EXECUTIVE SUMMARY

DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
ECHO.....	Enforcement & Compliance History Information
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
AIRS.....	Permitted Facilities Listing
ASBESTOS.....	ASBESTOS
DRYCLEANERS.....	Regulated Drycleaning Facilities
ENF.....	Enforcement Action Cases
Financial Assurance.....	Financial Assurance Information Listing
GWDP.....	Ground Water Discharge Permits
HW GEN.....	List of Massachusetts Hazardous Waste Generators
MERCURY.....	Mercury Product Recycling Drop-Off Locations Listing
NPDES.....	NPDES Permit Listing
TIER 2.....	Tier 2 Information Listing
TSD.....	TSD Facility

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***State- and tribal - equivalent CERCLIS***

SHWS: Contains information on releases of oil and hazardous materials that have been reported to DEP.

A review of the SHWS list, as provided by EDR, and dated 07/10/2018 has revealed that there are 13

## EXECUTIVE SUMMARY

SHWS sites within approximately 1 mile of the target property.

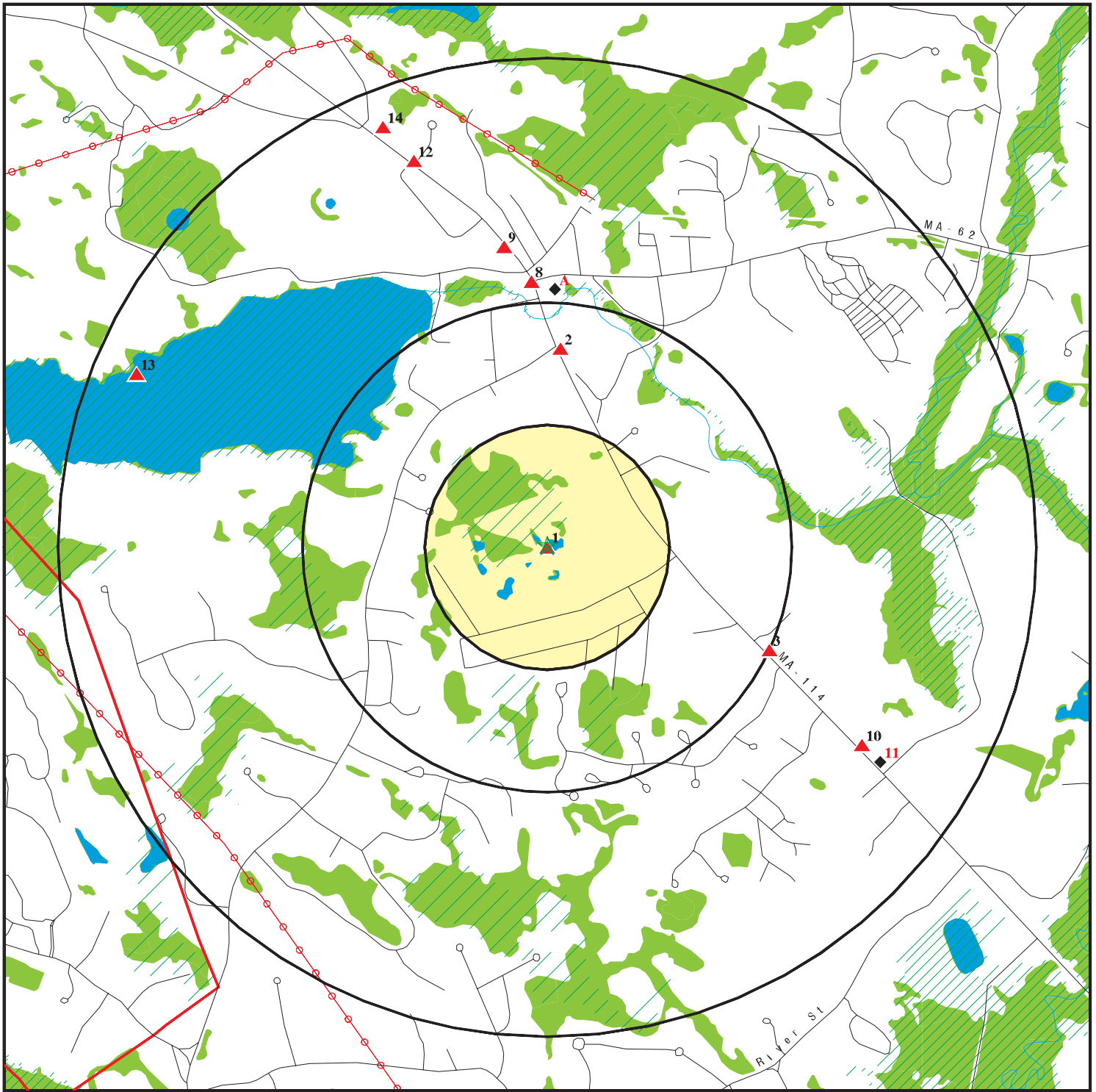
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SENER TRANSPORTATIO</b> Release Tracking Number / Current Status: 3-0001072 / DEPNFA	<b>SOUTH MAIN ST BOSTON</b>	<b>N 1/4 - 1/2 (0.407 mi.)</b>	<b>2</b>	<b>8</b>
<b>RICHARDSON'S DAIRY</b> Release Tracking Number / Current Status: 3-0023263 / RAO	<b>152 SOUTH MAIN ST</b>	<b>ESE 1/2 - 1 (0.501 mi.)</b>	<b>3</b>	<b>9</b>
<b>COMMERCIAL PROPERTY</b> Release Tracking Number / Current Status: 3-0004338 / WCSPRM	<b>2-20 NORTH MAIN ST</b>	<b>N 1/2 - 1 (0.544 mi.)</b>	<b>8</b>	<b>32</b>
<b>NO LOCATION AID</b> Release Tracking Number / Current Status: 3-0018950 / RAO Release Tracking Number / Current Status: 3-0016792 / RAONR Release Tracking Number / Current Status: 3-0014402 / RAO	<b>29 MAIN ST</b>	<b>N 1/2 - 1 (0.621 mi.)</b>	<b>9</b>	<b>34</b>
<b>JOHN GIKAS 2002 TRUS</b> Release Tracking Number / Current Status: 3-0028029 / RAO Release Tracking Number / Current Status: 3-0011914 / RAO	<b>196-206 SOUTH MAIN S</b>	<b>ESE 1/2 - 1 (0.760 mi.)</b>	<b>10</b>	<b>48</b>
<b>NO LOCATION AID</b> Release Tracking Number / Current Status: 3-0034062 / TIERII	<b>67 NORTH MAIN STREET</b>	<b>NNW 1/2 - 1 (0.835 mi.)</b>	<b>12</b>	<b>71</b>
<b>FIRST PETROLEUM</b> Release Tracking Number / Current Status: 3-0022987 / RAO	<b>30 LAKE ST.</b>	<b>WNW 1/2 - 1 (0.911 mi.)</b>	<b>13</b>	<b>81</b>
<b>QUARTER MILE NORTH O</b> Release Tracking Number / Current Status: 3-0001376 / DEPNFA	<b>73 NORTH MAIN ST</b>	<b>NNW 1/2 - 1 (0.922 mi.)</b>	<b>14</b>	<b>86</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>INTERSECTION OF RTE</b> Release Tracking Number / Current Status: 3-0030031 / RAO	<b>4 SOUTH MAIN ST</b>	<b>N 1/2 - 1 (0.528 mi.)</b>	<b>A4</b>	<b>11</b>
<b>CUMBERLAND FARMS #24</b> Release Tracking Number / Current Status: 3-0033281 / PSNC	<b>4 SOUTH MAIN ST</b>	<b>N 1/2 - 1 (0.528 mi.)</b>	<b>A5</b>	<b>16</b>
<b>NO LOCATION AID</b> Release Tracking Number / Current Status: 3-0019822 / RAO	<b>4 SOUTH MAIN ST</b>	<b>N 1/2 - 1 (0.528 mi.)</b>	<b>A6</b>	<b>26</b>
<b>EXXON R/S 3-0364--JC</b> Release Tracking Number / Current Status: 3-0011778 / RAO	<b>4 SOUTH MAIN ST</b>	<b>N 1/2 - 1 (0.528 mi.)</b>	<b>A7</b>	<b>29</b>
<b>NO LOCATION AID</b> Release Tracking Number / Current Status: 3-0022691 / RAO Release Tracking Number / Current Status: 3-0014481 / RAO	<b>206 SOUTH MAIN ST</b>	<b>ESE 1/2 - 1 (0.810 mi.)</b>	<b>11</b>	<b>65</b>

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 6 records.

<u>Site Name</u>	<u>Database(s)</u>
LIBERTY STREET BRIDGE	SHWS, RELEASE
EMERSON BROOK RESERVOIR	SHWS, RELEASE
ROADWAY SPILL ADJ 21&23 MEADOW DRI	SHWS, RELEASE
LOT 179	SHWS, RELEASE
BASTILE CORP	SEMS-ARCHIVE
JOHNSON DUMP SITE	SWF/LF

# OVERVIEW MAP - 5532837.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚡ Manufactured Gas Plants
- 🏠 National Priority List Sites
- 🏠 Dept. Defense Sites

- Indian Reservations BIA
- County Boundary
- Power transmission lines
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

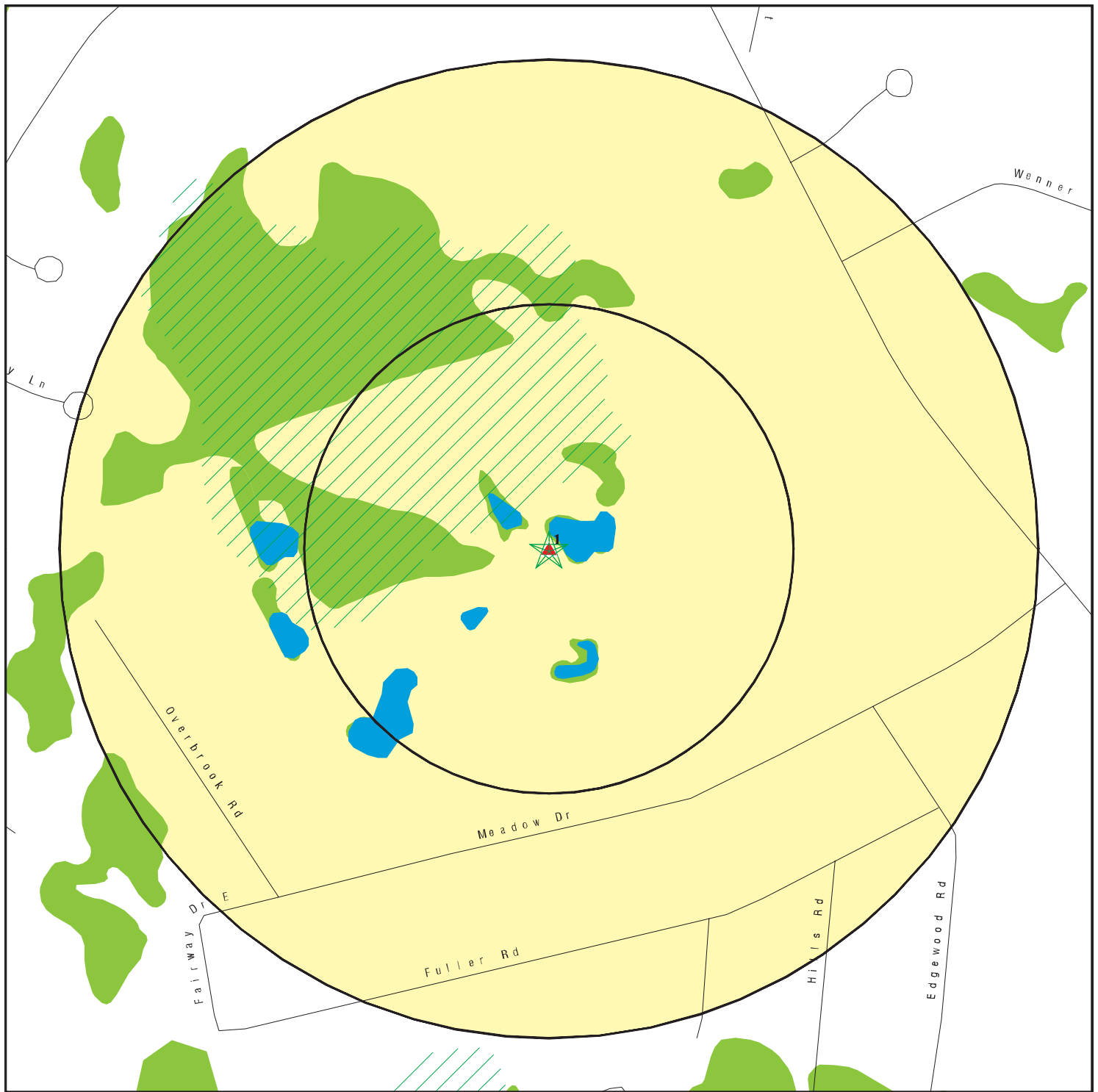
- Areas of Critical Environmental Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 105 South Main St  
 ADDRESS: 105 South Main St  
 MIDDLETON MA 01949  
 LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services  
 CONTACT: Luke Fabbri  
 INQUIRY #: 5532837.2s  
 DATE: January 14, 2019 8:23 am

# DETAIL MAP - 5532837.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🚒 National Priority List Sites
- 🚒 Dept. Defense Sites

- Indian Reservations BIA
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory
- State Wetlands

- Areas of Critical Environmental Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 105 South Main St  
 ADDRESS: 105 South Main St  
 MIDDLETON MA 01949  
 LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services  
 CONTACT: Luke Fabbri  
 INQUIRY #: 5532837.2s  
 DATE: January 14, 2019 8:25 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
SHWS	1.000		0	0	1	12	NR	13
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	0	NR	NR	0
LAST	0.500		0	0	0	NR	NR	0
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		0	0	NR	NR	NR	0
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	TP		NR	NR	NR	NR	NR	0
LIENS 2	TP		NR	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
SPILLS	TP	1	NR	NR	NR	NR	NR	1
RELEASE	TP		NR	NR	NR	NR	NR	0
SPILLS 90	TP		NR	NR	NR	NR	NR	0
SPILLS 80	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	TP		NR	NR	NR	NR	NR	0
ASBESTOS	TP		NR	NR	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
GWDP	TP		NR	NR	NR	NR	NR	0
HW GEN	0.250		0	0	NR	NR	NR	0
MERCURY	0.500		0	0	0	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
TIER 2	TP		NR	NR	NR	NR	NR	0
TSD	0.500		0	0	0	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS	TP		NR	NR	NR	NR	NR	0
---------	----	--	----	----	----	----	----	---

## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		1	0	0	1	12	0	14

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

EDR ID Number  
EPA ID Number

1  
Target  
Property

**BFI**  
**RT 114 @ 105 MAIN ST**  
**MIDDLETON, MA 01949**

**SPILLS** **S101043040**  
**N/A**

**Actual:**  
**81 ft.**

MA Spills:

Facility ID: 0000  
Staff Lead: ARMSTRONG, V  
Last Entered: 19920625  
Spill Date: 19920625  
Report Date: 19920625  
Case Closed: YES  
Virgin Waste: WASTE  
Env Impact: -----  
Material: HYDRAULIC FLUID  
Qty Reported: 11-50  
Qty Reported: GALLONS  
CAS No: Not reported  
Source: PIPE/HOSE/LINE  
Incident: RUPTURE  
Cleanup Type: ---  
Referral: NO  
Report Prep: Not reported  
Notifier: LILLY/FD  
Notif Tel: Not reported  
Days/Close: 1

Spill ID: N92-0799  
Date Entered: Not reported  
First Response: 19920625  
Spill Time: Not reported  
Report Time: 10:35AM  
Mat Type: PETROLEUM  
Contam Soil: Not reported  
Other Impact: Not reported  
Other Material: Not reported  
Qty Actual: 11-50  
Qty Actual: GALLONS  
PCB Lev (ppm): NONE  
Other Source: Not reported  
Other Incndnt: Not reported  
Contractor: NOT USED  
LUST Elig: NO  
Category: 1

2  
North  
1/4-1/2  
0.407 mi.  
2151 ft.

**SENER TRANSPORTATION CO**  
**SOUTH MAIN ST BOSTON ST**  
**MIDDLETON, MA 01949**

**SHWS** **S100829205**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:

**Actual:**  
**96 ft.**

Release Tracking Number/Current Status: 3-0001072 / DEPNFA  
Release Town: MIDDLETON  
Notification Date: 10/15/1989  
Category: NONE  
Associated ID: Not reported  
**Current Status: No Further Action (DEP Determined)**  
Status Date: 04/02/1996  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Source: TANKER

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: PETROLEUM  
Quantity: Not reported

Actions:

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 10/15/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: DEPNFA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SENDER TRANSPORTATION CO (Continued)**

**S100829205**

Action Date: 4/2/1996  
Response Action Outcome: Not reported

**Release:**

Release Tracking Number/Current Status: 3-0001072 / DEPNFA  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 10/15/1989  
Category: NONE  
Status Date: 04/02/1996  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 10/15/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: DEPNFA  
Action Date: 4/2/1996  
Response Action Outcome: Not reported

**Chemicals:**

Chemical: PETROLEUM  
Quantity: Not reported  
Source: TANKER

**3**  
**ESE**  
**1/2-1**  
**0.501 mi.**  
**2643 ft.**

**RICHARDSON'S DAIRY**  
**152 SOUTH MAIN ST**  
**MIDDLETON, MA 01949**

**SHWS** **S106030151**  
**RELEASE** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**109 ft.**

**SHWS:**

Release Tracking Number/Current Status: 3-0023263 / RAO  
Release Town: MIDDLETON  
Notification Date: 10/11/2003  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 12/19/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Hazardous Material  
Location Type: COMMERCIAL  
Source: PIPE

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RICHARDSON'S DAIRY (Continued)**

**S106030151**

Chemicals:

Chemical: ANHYDROUS AMMONIA  
Quantity: 60 pounds

Actions:

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/11/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/11/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 10/24/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 10/24/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/19/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/19/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release:

Release Tracking Number/Current Status: 3-0023263 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 10/11/2003  
Category: TWO HR  
Status Date: 12/19/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RICHARDSON'S DAIRY (Continued)**

**S106030151**

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/11/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/11/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 10/24/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RLFA  
Action Status: FLDD1A  
Action Date: 10/24/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/19/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 12/19/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: ANHYDROUS AMMONIA  
Quantity: 60 pounds  
Location Type: COMMERCIAL  
Source: PIPE

**A4**  
**North**  
**1/2-1**  
**0.528 mi.**  
**2787 ft.**

**INTERSECTION OF RTE 114 AND RTE 62**  
**4 SOUTH MAIN ST**  
**MIDDLETON, MA 01949**

**Site 1 of 4 in cluster A**

**SHWS** **S121826572**  
**RELEASE** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**80 ft.**

**SHWS:**  
Release Tracking Number/Current Status: 3-0030031 / RAO  
Release Town: MIDDLETON  
Notification Date: 05/27/2011  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 07/25/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION OF RTE 114 AND RTE 62 (Continued)**

**S121826572**

Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: ROADWAY  
Source: VEHICLE  
Source: TANK  
Source: SADDLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: HYDRAULIC FLUID  
Quantity: 20 gallons  
Chemical: HYDRAULIC FLUID  
Quantity: 40 gallons

Actions:  
Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/27/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/27/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/22/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION OF RTE 114 AND RTE 62 (Continued)**

**S121826572**

Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0030031 / RAO

Release Town: MIDDLETON

Notification Date: 05/27/2011

Category: TWO HR

Associated ID: Not reported

**Current Status:** **Response Action Outcome**

Status Date: 07/25/2011

Phase: Not reported

Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Oil Or Haz Material: Oil

Location Type: ROADWAY

Source: VEHICLE

Source: TANK

Source: SADDLE

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: HYDRAULIC FLUID

Quantity: 20 gallons

Chemical: HYDRAULIC FLUID

Quantity: 40 gallons

**Actions:**

Action Type: Immediate Response Action

Action Status: Oral Approval of Plan or Action

Action Date: 5/27/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition

Action Status: Reportable Release under MGL 21E

Action Date: 5/27/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.

Action Date: 6/22/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF

Action Status: Reportable Release under MGL 21E

Action Date: 7/25/2011

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO

Action Status: Level I - Technical Screen Audit

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION OF RTE 114 AND RTE 62 (Continued)**

**S121826572**

Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0030031 / RAO  
Release Town: MIDDLETON  
Notification Date: 05/27/2011  
Category: TWO HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 07/25/2011  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: ROADWAY  
Source: VEHICLE  
Source: TANK  
Source: SADDLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: HYDRAULIC FLUID  
Quantity: 20 gallons  
Chemical: HYDRAULIC FLUID  
Quantity: 40 gallons

Actions:  
Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/27/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/27/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION OF RTE 114 AND RTE 62 (Continued)**

**S121826572**

Action Date: 6/22/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Release:**

Release Tracking Number/Current Status: 3-0030031 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 05/27/2011  
Category: TWO HR  
Status Date: 07/25/2011  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 5/27/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/27/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**INTERSECTION OF RTE 114 AND RTE 62 (Continued)**

**S121826572**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/22/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/25/2011  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:  
Chemical: HYDRAULIC FLUID  
Quantity: 20 gallons  
Chemical: HYDRAULIC FLUID  
Quantity: 40 gallons  
Location Type: ROADWAY  
Source: VEHICLE  
Source: TANK  
Source: SADDLE

**A5**  
**North**  
**1/2-1**  
**0.528 mi.**  
**2787 ft.**  
**CUMBERLAND FARMS #2471**  
**4 SOUTH MAIN ST**  
**MIDDLETON, MA 01949**  
**Site 2 of 4 in cluster A**

**SHWS** **1000521244**  
**UST** **N/A**  
**RELEASE**

**Relative:** SHWS:  
**Lower** Release Tracking Number/Current Status: 3-0033281 / PSNC  
Release Town: MIDDLETON  
Notification Date: 11/23/2015  
Category: 120 DY  
Associated ID: Not reported  
**Current Status:** **PSNC**  
Status Date: 11/22/2016  
Phase: PHASE II  
Response Action Outcome: PN - PN  
Oil Or Haz Material: Hazardous Material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:	2-METHYLNAPHTHALENE
Quantity:	4.57 micrograms per gallon
Chemical:	1,1'-BIPHENYL, CHLORO-DERIVS.
Quantity:	1.45 milligrams per kilogram
Chemical:	ACENAPHTHYLENE
Quantity:	2.54 micrograms per gallon
Chemical:	LEAD
Quantity:	348 micrograms per gallon

Actions:

Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	11/22/2016
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	PSNRCD
Action Date:	11/22/2016
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	11/23/2015
Response Action Outcome:	PN
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	11/23/2015
Response Action Outcome:	PN
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	11/23/2015
Response Action Outcome:	PN
Action Type:	Response Action Outcome - RAO
Action Status:	Fee Received - FMCRA Use Only
Action Date:	11/28/2016
Response Action Outcome:	PN
Action Type:	RNFE
Action Status:	Revised Statement or Transmittal Received
Action Date:	12/31/2015
Response Action Outcome:	PN
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/31/2015
Response Action Outcome:	PN
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/4/2015  
Response Action Outcome: PN  
  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 9/7/2016  
Response Action Outcome: PN

**UST:**

**Facility:**

Facility ID: 5629  
Owner Id: 1602  
Owner: CUMBERLAND FARMS INC  
Owner Address: 165 Flanders Road  
Owner City,St,Zip: Westborough, MA 01581  
Telephone: 9787748600  
Description: Retail Motor Vehicle Fuel  
Facility address 2: Not reported  
Owner address 2: Not reported  
Latitude: 42.59465  
Longitude: -71.01473  
Contact name: Angela Pimental  
Contact address1: 165 Flanders Road  
Contact address2: Not reported  
Contact city: Westborough  
Contact state: MA  
Contact zip: 01581  
Contact email: apimental@cumberlandfarms.com  
Update: 2018-06-18 00:00:00  
Update by: Angela Pimental  
Fac status: OPEN

Facility ID: 5629  
Owner Id: 1602  
Owner: CUMBERLAND FARMS INC  
Owner Address: 165 Flanders Road  
Owner City,St,Zip: Westborough, MA 01581  
Telephone: 9787748600  
Description: Retail Motor Vehicle Fuel  
Facility address 2: Not reported  
Owner address 2: Not reported  
Latitude: 42.59465  
Longitude: -71.01473  
Contact name: Angela Pimental  
Contact address1: 165 Flanders Road  
Contact address2: Not reported  
Contact city: Westborough  
Contact state: MA  
Contact zip: 01581  
Contact email: apimental@cumberlandfarms.com  
Update: 2018-06-18 00:00:00  
Update by: Angela Pimental  
Fac status: OPEN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Tank ID: 1  
**Tank Status: Tank Removed**  
Status Date: 10/04/1991  
Date Installed: 03/08/1971  
Capacity: 6000.00000  
Contents: Gasoline  
Tank Usage: Not reported  
Tank Leak Detection: Not reported  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Not reported  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 2  
**Tank Status: Tank Removed**  
Status Date: 10/04/1991  
Date Installed: 03/08/1971  
Capacity: 6000.00000  
Contents: Gasoline  
Tank Usage: Not reported  
Tank Leak Detection: Not reported  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Not reported  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 3  
**Tank Status: Tank Removed**  
Status Date: 10/04/1991  
Date Installed: 03/08/1971  
Capacity: 6000.00000  
Contents: Gasoline  
Tank Usage: Not reported  
Tank Leak Detection: Not reported  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Not reported  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N  
Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 4  
**Tank Status: Tank Removed**  
Status Date: 10/04/1991  
Date Installed: 03/08/1971  
Capacity: 1000.00000  
Contents: Waste Oil  
Tank Usage: Not reported  
Tank Leak Detection: Not reported  
Pipe Leak Detection: Not reported  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Not reported  
Pipe construct: Not reported  
Ptype: Not reported  
Number of compartment: Not reported  
Pipe install date: Not reported  
Pipe leak install date: Not reported  
Submersible sump: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Submersible sump install date: Not reported  
Turbine sump: N  
Turbine sump sensor: N  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Not reported  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 5  
**Tank Status: Tank Removed**  
Status Date: 09/07/2017  
Date Installed: 09/01/1991  
Capacity: 12000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: Not reported  
Longitude: Not reported  
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 09/01/1991  
Pipe leak install date: Not reported  
Submersible sump: Y  
Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 6  
**Tank Status: Tank Removed**  
Status Date: 09/07/2017  
Date Installed: 09/01/1991  
Capacity: 12000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: Not reported  
Longitude: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with mechanical automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 09/01/1991  
Pipe leak install date: Not reported  
Submersible sump: Y  
Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 7

**Tank Status: Tank Removed**

Status Date: 09/07/2017

Date Installed: 09/01/1991

Capacity: 12000.00000

Contents: Gasoline

Tank Usage: Motor Vehi

Tank Leak Detection: Continuous Interstitial Monitoring

Pipe Leak Detection: Continuous Interstitial Space Monitoring

Latitude: Not reported

Longitude: Not reported

Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)

Pipe construct: Double-walled non-corrodible material (No corrosion protection required)

Ptype: Pressurized piping system with mechanical automatic line leak detection

Number of compartment: Not reported

Pipe install date: 09/01/1991

Pipe leak install date: Not reported

Submersible sump: Y

Submersible sump install date: Not reported

Turbine sump: Y

Turbine sump sensor: Y

Intermediate sump: N

Intermediate sump sensor: N

Spill bucket installed date: Not reported

Spill bucket sensor: N

Overfill protect install: Not reported

Overfill protect type: Automatic shut-off valve

Automatic line leak detect: Not reported

Tank corrosion type: Not reported

Leak corrosion type: Not reported

Tank ID: 8

**Tank Status: In Use**

Status Date: 06/18/2018

Date Installed: 10/19/2017

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Capacity: 8000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.59482  
Longitude: -71.01520  
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with electronic automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 10/19/2017  
Pipe leak install date: Not reported  
Submersible sump: Y  
Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

Tank ID: 8  
**Tank Status: In Use**  
Status Date: 06/18/2018  
Date Installed: 10/19/2017  
Capacity: 12000.00000  
Contents: Gasoline  
Tank Usage: Motor Vehi  
Tank Leak Detection: Continuous Interstitial Monitoring  
Pipe Leak Detection: Continuous Interstitial Space Monitoring  
Latitude: 42.59482  
Longitude: -71.01520  
Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)  
Pipe construct: Double-walled non-corrodible material (No corrosion protection required)  
Ptype: Pressurized piping system with electronic automatic line leak detection  
Number of compartment: Not reported  
Pipe install date: 10/19/2017  
Pipe leak install date: Not reported  
Submersible sump: Y  
Submersible sump install date: Not reported  
Turbine sump: Y  
Turbine sump sensor: Y  
Intermediate sump: N  
Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Leak corrosion type: Not reported

Tank ID: 9

**Tank Status: In Use**

Status Date: 06/18/2018

Date Installed: 10/19/2017

Capacity: 12000.00000

Contents: Gasoline

Tank Usage: Motor Vehi

Tank Leak Detection: Continuous Interstitial Monitoring

Pipe Leak Detection: Continuous Interstitial Space Monitoring

Latitude: 42.59484

Longitude: -71.01523

Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)

Pipe construct: Double-walled non-corrodible material (No corrosion protection required)

Ptype: Pressurized piping system with electronic automatic line leak detection

Number of compartment: Not reported

Pipe install date: 10/19/2017

Pipe leak install date: Not reported

Submersible sump: Y

Submersible sump install date: Not reported

Turbine sump: Y

Turbine sump sensor: Y

Intermediate sump: N

Intermediate sump sensor: N

Spill bucket installed date: Not reported

Spill bucket sensor: N

Overfill protect install: Not reported

Overfill protect type: Automatic shut-off valve

Automatic line leak detect: Not reported

Tank corrosion type: Not reported

Leak corrosion type: Not reported

Tank ID: 9

**Tank Status: In Use**

Status Date: 06/18/2018

Date Installed: 10/19/2017

Capacity: 8000.00000

Contents: Diesel

Tank Usage: Motor Vehi

Tank Leak Detection: Continuous Interstitial Monitoring

Pipe Leak Detection: Continuous Interstitial Space Monitoring

Latitude: 42.59484

Longitude: -71.01523

Tank construct: Double-walled non-corrodible (including "composite") material (cathodic protection not required)

Pipe construct: Double-walled non-corrodible material (No corrosion protection required)

Ptype: Pressurized piping system with electronic automatic line leak detection

Number of compartment: Not reported

Pipe install date: 10/19/2017

Pipe leak install date: Not reported

Submersible sump: Y

Submersible sump install date: Not reported

Turbine sump: Y

Turbine sump sensor: Y

Intermediate sump: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Intermediate sump sensor: N  
Spill bucket installed date: Not reported  
Spill bucket sensor: N  
Overfill protect install: Not reported  
Overfill protect type: Automatic shut-off valve  
Automatic line leak detect: Not reported  
Tank corrosion type: Not reported  
Leak corrosion type: Not reported

**Release:**

Release Tracking Number/Current Status: 3-0033281 / PSNC  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 11/23/2015  
Category: 120 DY  
Status Date: 11/22/2016  
Phase: PHASE II  
Response Action Outcome: PN - PN  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 11/22/2016  
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: PSNRCD  
Action Date: 11/22/2016  
Response Action Outcome: PN

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/23/2015  
Response Action Outcome: PN

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 11/23/2015  
Response Action Outcome: PN

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/23/2015  
Response Action Outcome: PN

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 11/28/2016  
Response Action Outcome: PN

Action Type: RNFE  
Action Status: Revised Statement or Transmittal Received  
Action Date: 12/31/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CUMBERLAND FARMS #2471 (Continued)**

**1000521244**

Response Action Outcome: PN

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/31/2015  
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 12/4/2015  
Response Action Outcome: PN

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 9/7/2016  
Response Action Outcome: PN

Chemicals:  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 4.57 micrograms per gallon  
Chemical: 1,1'-BIPHENYL, CHLORO-DERIVS.  
Quantity: 1.45 milligrams per kilogram  
Chemical: ACENAPHTHYLENE  
Quantity: 2.54 micrograms per gallon  
Chemical: LEAD  
Quantity: 348 micrograms per gallon  
Source: UNKNOWN

**A6**  
**North**  
**1/2-1**  
**0.528 mi.**  
**2787 ft.**  
**NO LOCATION AID**  
**4 SOUTH MAIN ST**  
**MIDDLETON, MA 01949**

**SHWS**  
**RELEASE**  
**S121826535**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**80 ft.**

**Site 3 of 4 in cluster A**

SHWS:  
Release Tracking Number/Current Status: 3-0019822 / RAO  
Release Town: MIDDLETON  
Notification Date: 08/01/2000  
Category: 120 DY  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 07/18/2003  
Phase: PHASE III  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil Or Haz Material: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: LEAD  
Quantity: 267 micrograms per liter  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 820 milligrams per kilogram  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 1600 micrograms per liter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S121826535**

Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 39000 micrograms per liter  
Chemical: NAPHTHALENE  
Quantity: 30 milligrams per kilogram

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 10/17/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/18/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 7/18/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/1/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S121826535**

Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/1/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

**Release:**

Release Tracking Number/Current Status: 3-0019822 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 08/01/2000  
Category: 120 DY  
Status Date: 07/18/2003  
Phase: PHASE III  
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 10/17/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 7/18/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 7/18/2003  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Tier Classification  
Action Status: Legal Notice Published

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S121826535**

Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 7/31/2001  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/1/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 8/1/2000  
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Chemicals:  
Chemical: LEAD  
Quantity: 267 micrograms per liter  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 820 milligrams per kilogram  
Chemical: C9 THRU C12 ALIPHATIC HYDROCARBONS  
Quantity: 1600 micrograms per liter  
Chemical: C9 THRU C18 ALIPHATIC HYDROCARBONS  
Quantity: 39000 micrograms per liter  
Chemical: NAPHTHALENE  
Quantity: 30 milligrams per kilogram

**A7**  
**North**  
**1/2-1**  
**0.528 mi.**  
**2787 ft.**

**EXXON R/S 3-0364--JCT RTE 114 & RTE 62**  
**4 SOUTH MAIN ST**  
**MIDDLETON, MA 01949**

**SHWS** **S121826486**  
**RELEASE** **N/A**

**Site 4 of 4 in cluster A**

**Relative:**  
**Lower**  
**Actual:**  
**80 ft.**

SHWS:  
Release Tracking Number/Current Status: 3-0011778 / RAO  
Release Town: MIDDLETON  
Notification Date: 10/25/1994  
Category: 120 DY  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 11/07/1997  
Phase: PHASE III  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON R/S 3-0364--JCT RTE 114 & RTE 62 (Continued)**

**S121826486**

Oil Or Haz Material: Oil

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: TPH  
Quantity: 7231 parts per million

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/25/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/25/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/30/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 11/2/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/7/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON R/S 3-0364--JCT RTE 114 & RTE 62 (Continued)**

**S121826486**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 12/1/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 3/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release:

Release Tracking Number/Current Status: 3-0011778 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 10/25/1994  
Category: 120 DY  
Status Date: 11/07/1997  
Phase: PHASE III  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/25/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/25/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 10/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 10/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 10/25/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**EXXON R/S 3-0364--JCT RTE 114 & RTE 62 (Continued)**

**S121826486**

reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/30/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 11/2/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/7/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/1/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 3/19/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: TPH  
Quantity: 7231 parts per million

8  
North  
1/2-1  
0.544 mi.  
2873 ft.

**COMMERCIAL PROPERTY**  
**2-20 NORTH MAIN ST**  
**MIDDLETON, MA 01949**

**SHWS S100829200**  
**RELEASE N/A**

**Relative:**  
**Higher**  
**Actual:**  
**99 ft.**

SHWS:  
Release Tracking Number/Current Status: 3-0004338 / WCSPRM  
Release Town: MIDDLETON  
Notification Date: 07/15/1993  
Category: NONE  
Associated ID: Not reported  
**Current Status: Waiver Completion Statement Permanent**  
Status Date: 12/28/1993  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil  
Location Type: FORMER  
Location Type: MANUFACT  
Source: UNKNOWN

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL PROPERTY (Continued)**

**S100829200**

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical: PETROLEUM  
Quantity: Not reported

Actions:

Action Type: TREGS  
Action Status: WCSPRM  
Action Date: 12/28/1993  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 2/12/1993  
Response Action Outcome: Not reported

Action Type: TAG  
Action Status: GRNTST  
Action Date: 4/1/1997  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 4/17/1993  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 4/7/1993  
Response Action Outcome: Not reported

Action Type: TAG  
Action Status: GRNTEN  
Action Date: 6/30/1998  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 7/15/1993  
Response Action Outcome: Not reported

Release:

Release Tracking Number/Current Status: 3-0004338 / WCSPRM  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 07/15/1993  
Category: NONE  
Status Date: 12/28/1993  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COMMERCIAL PROPERTY (Continued)**

**S100829200**

Click here to access the MA DEP site for this facility:

Actions:

Action Type: TREGS  
Action Status: WCSPRM  
Action Date: 12/28/1993  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVREC  
Action Date: 2/12/1993  
Response Action Outcome: Not reported

Action Type: TAG  
Action Status: GRNTST  
Action Date: 4/1/1997  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVACC  
Action Date: 4/17/1993  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: WAVSIG  
Action Date: 4/7/1993  
Response Action Outcome: Not reported

Action Type: TAG  
Action Status: GRNTEN  
Action Date: 6/30/1998  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 7/15/1993  
Response Action Outcome: Not reported

Chemicals:

Chemical: PETROLEUM  
Quantity: Not reported  
Location Type: FORMER  
Location Type: MANUFACT  
Source: UNKNOWN

**9**  
**North**  
**1/2-1**  
**0.621 mi.**  
**3277 ft.**

**NO LOCATION AID**  
**29 MAIN ST**  
**MIDDLETON, MA 01949**

**SHWS** **S104482354**  
**RELEASE** **N/A**

**Relative:**  
**Higher**

SHWS:

**Actual:**  
**112 ft.**

Release Tracking Number/Current Status: 3-0018950 / RAO  
Release Town: MIDDLETON  
Notification Date: 11/10/1999  
Category: 120 DY  
Associated ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

**Current Status:**

Status Date:

Phase:

Response Action Outcome:

Oil Or Haz Material:

**Response Action Outcome**

11/03/2000

Not reported

A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical:

C9 THRU C10 AROMATIC HYDROCARBONS

Quantity:

131 parts per million

Chemical:

C11 THRU C22 AROMATIC HYDROCARBONS

Quantity:

479 parts per million

**Actions:**

Action Type:

RNF

Action Status:

Reportable Release under MGL 21E

Action Date:

11/10/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Release Disposition

Action Status:

Reportable Release under MGL 21E

Action Date:

11/10/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Release Abatement Measure

Action Status:

Written Plan Received

Action Date:

11/19/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

RAO Statement Received

Action Date:

11/3/2000

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Release Abatement Measure

Action Status:

Fee Received - FMCRA Use Only

Action Date:

12/7/1999

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Response Action Outcome - RAO

Action Status:

Fee Received - FMCRA Use Only

Action Date:

4/11/2000

Response Action Outcome:

A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0016792 / RAONR

Release Town:

MIDDLETON

Notification Date:

05/06/1998



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Category: 120 DY  
Associated ID: Not reported  
**Current Status: Response Action Outcome Not Required**  
Status Date: 04/20/1999  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: ALIPHATIC HYDROCARBONS C19 THRU C36  
Quantity: 6 parts per million  
Chemical: AROMATIC HYDROCARBONS C11 THRU C22  
Quantity: 3.6 parts per million  
Chemical: ALIPHATIC HYDROCARBONS C9 THRU C18  
Quantity: 1000 parts per million  
Chemical: AROMATIC HYDROCARBONS C11 THRU C22  
Quantity: 710 parts per million  
Chemical: ALIPHATIC HYDROCARBONS C9 THRU C12  
Quantity: 6.4 parts per million  
Chemical: NAPHTHALENE  
Quantity: 86 parts per billion  
Chemical: NAPHTHALENE  
Quantity: 5200 parts per billion  
Chemical: 2-METHYLNAPHTHALENE  
Quantity: 26 parts per billion  
Chemical: ALIPHATIC HYDROCARBONS C5 THRU C8  
Quantity: 0.9 parts per million  
Chemical: ALIPHATIC HYDROCARBONS C9 THRU C18  
Quantity: 5.5 parts per million  
Chemical: AROMATIC HYDROCARBONS C9 THRU C10  
Quantity: 150 parts per million  
Chemical: NAPHTHALENE  
Quantity: 43 parts per billion

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/30/1998  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/30/1998  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/2/1998  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/22/2002  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 2/12/1998  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 4/20/1999  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 4/20/1999  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/6/1998  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/6/1998  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0014402 / RAO  
Release Town: MIDDLETON  
Notification Date: 10/23/1996  
Category: TWO HR  
Associated ID: 3-0014402  
**Current Status:** **Response Action Outcome**  
Status Date: 01/03/2006  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Location Type: WATERBODY  
Source: UNKNOWN

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: GASOLINE  
Quantity: Not reported  
Chemical: GASOLINE  
Quantity: 0.33 inches

Actions:  
Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/23/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/28/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Completion Statement Received  
Action Date: 1/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Remedy Operation Status Report Received  
Action Date: 1/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/30/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/30/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/30/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 1/7/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/11/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 10/17/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	FLDISS
Action Date:	10/23/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLFLD
Action Date:	10/24/1996
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	10/4/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 3
Action Status:	Notice of Delay in Meeting RA Deadline Received
Action Date:	10/8/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 4
Action Status:	Completion Statement Received
Action Date:	11/18/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Extension
Action Date:	11/22/2002
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Action Type: Phase 5  
Action Status: Remedy Operation Status Submittal Received  
Action Date: 11/26/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Written Plan Received  
Action Date: 11/8/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/1/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Status or Interim Report Received  
Action Date: 12/13/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 12/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 2/12/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 2/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 2/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 3/10/1999

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 4/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 4/24/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 5/1/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Completion Statement Received  
Action Date: 5/16/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/4/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 6/11/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Written Plan Received  
Action Date: 7/20/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Remedy Operation Status Report Received  
Action Date: 7/5/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**Release:**

Release Tracking Number/Current Status: 3-0014402 / RAO  
Primary ID: 3-0014402  
Official City: MIDDLETON  
Notification: 10/23/1996

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Category: TWO HR  
Status Date: 01/03/2006  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 1/23/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/28/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Completion Statement Received  
Action Date: 1/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Remedy Operation Status Report Received  
Action Date: 1/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/3/2006  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/30/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/30/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/30/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Action Type: Immediate Response Action  
Action Status: Written Approval of Plan  
Action Date: 1/7/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Completion Statement Received  
Action Date: 10/11/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Completion Statement Received  
Action Date: 10/17/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 10/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: FLDISS  
Action Date: 10/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLFLD  
Action Date: 10/24/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 10/4/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 3  
Action Status: Notice of Delay in Meeting RA Deadline Received  
Action Date: 10/8/1999



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Completion Statement Received  
Action Date: 11/18/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/22/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Remedy Operation Status Submittal Received  
Action Date: 11/26/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Written Plan Received  
Action Date: 11/8/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 12/1/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Status or Interim Report Received  
Action Date: 12/13/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 12/23/1996  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 2/12/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Action Type: Phase 4  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 2/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 2/13/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 3/10/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 4/20/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 4/24/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 5/1/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Completion Statement Received  
Action Date: 5/16/2002  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/4/1998  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Inspection and Monitoring Report Received  
Action Date: 6/11/2004  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 4  
Action Status: Written Plan Received  
Action Date: 7/20/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 5  
Action Status: Remedy Operation Status Report Received  
Action Date: 7/5/2005  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: GASOLINE  
Quantity: Not reported  
Chemical: GASOLINE  
Quantity: 0.33 inches  
Location Type: COMMERCIAL  
Location Type: WATERBODY  
Source: UNKNOWN

Release Tracking Number/Current Status: 3-0016792 / RAONR  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 05/06/1998  
Category: 120 DY  
Status Date: 04/20/1999  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Oil and Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/30/1998  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/30/1998  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 11/2/1998  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Extension  
Action Date: 11/22/2002  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 2/12/1998  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	4/20/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	4/20/1999
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	5/6/1998
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	5/6/1998
Response Action Outcome:	Not reported

Chemicals:

Chemical:	ALIPHATIC HYDROCARBONS C19 THRU C36
Quantity:	6 parts per million
Chemical:	AROMATIC HYDROCARBONS C11 THRU C22
Quantity:	3.6 parts per million
Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity:	1000 parts per million
Chemical:	AROMATIC HYDROCARBONS C11 THRU C22
Quantity:	710 parts per million
Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C12
Quantity:	6.4 parts per million
Chemical:	NAPHTHALENE
Quantity:	86 parts per billion
Chemical:	NAPHTHALENE
Quantity:	5200 parts per billion
Chemical:	2-METHYLNAPHTHALENE
Quantity:	26 parts per billion
Chemical:	ALIPHATIC HYDROCARBONS C5 THRU C8
Quantity:	0.9 parts per million
Chemical:	ALIPHATIC HYDROCARBONS C9 THRU C18
Quantity:	5.5 parts per million
Chemical:	AROMATIC HYDROCARBONS C9 THRU C10
Quantity:	150 parts per million
Chemical:	NAPHTHALENE
Quantity:	43 parts per billion

Release Tracking Number/Current Status:	3-0018950 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON
Notification:	11/10/1999
Category:	120 DY
Status Date:	11/03/2000
Phase:	Not reported
Response Action Outcome:	A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil / Haz Material Type:	Oil

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S104482354**

Click here to access the MA DEP site for this facility:

**Actions:**

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/10/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 11/10/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 11/19/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 11/3/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 12/7/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 4/11/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**Chemicals:**

Chemical: C9 THRU C10 AROMATIC HYDROCARBONS  
Quantity: 131 parts per million  
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS  
Quantity: 479 parts per million

10  
ESE  
1/2-1  
0.760 mi.  
4011 ft.

**JOHN GIKAS 2002 TRUST  
196-206 SOUTH MAIN ST  
MIDDLETON, MA 01949**

**SHWS S102687271  
RELEASE N/A  
ENF**

**Relative:  
Higher  
Actual:  
85 ft.**

SHWS:  
Release Tracking Number/Current Status: 3-0028029 / RAO  
Release Town: MIDDLETON  
Notification Date: 09/29/2008  
Category: 72 HR  
Associated ID: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

**Current Status:**

Status Date:

Phase:

Response Action Outcome:

Oil Or Haz Material:

Location Type:

Location Type:

Source:

Source:

Source:

Source:

**Response Action Outcome**

10/07/2009

Not reported

A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil

PRIVPROP

COMMERCIAL

UNKNOWN

HISTORIC

RELEASE

POSSIBLE

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical:

Quantity:

Chemical:

Quantity:

UNKNOWN CHEMICAL OF UNKNOWN TYPE

12 inches

LUBRICATING OIL

12 inches

**Actions:**

Action Type:

Action Status:

Action Date:

Response Action Outcome:

A Notice sent to a Potentially Responsible Party (PRP)

A MassDEP piece of correspondence was issued (approvals, NORs, etc.

10/15/2008

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Action Status:

Action Date:

Response Action Outcome:

Compliance and Enforcement Action

Interim Deadline Letter Issued

10/15/2008

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Action Status:

Action Date:

Response Action Outcome:

Response Action Outcome - RAO

Level I - Technical Screen Audit

10/25/2010

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Action Status:

Action Date:

Response Action Outcome:

Response Action Outcome - RAO

RAO Statement Received

10/7/2009

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Action Status:

Action Date:

Response Action Outcome:

RNFE

Transmittal, Notice, or Notification Received

3/16/2009

A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type:

Action Status:

Action Date:

Response Action Outcome:

RNF

Reportable Release under MGL 21E

3/16/2009

A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/7/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 7/10/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/27/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Status: Level I - Technical Screen Audit  
Action Date: 9/1/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0028029 / RAO  
Release Town: MIDDLETON  
Notification Date: 09/29/2008  
Category: 72 HR  
Associated ID: Not reported  
**Current Status: Response Action Outcome**  
Status Date: 10/07/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: PRIVPROP  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: HISTORIC  
Source: RELEASE  
Source: POSSIBLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: UNKNOWN CHEMICAL OF UNKNOWN TYPE  
Quantity: 12 inches  
Chemical: LUBRICATING OIL  
Quantity: 12 inches

Actions:  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/25/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/7/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/7/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSNT  
Action Date: 7/10/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/14/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/27/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/1/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0028029 / RAO  
Release Town: MIDDLETON  
Notification Date: 09/29/2008  
Category: 72 HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 10/07/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.

Oil Or Haz Material: Oil  
Location Type: PRIVPROP  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: HISTORIC  
Source: RELEASE  
Source: POSSIBLE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: UNKNOWN CHEMICAL OF UNKNOWN TYPE  
Quantity: 12 inches  
Chemical: LUBRICATING OIL  
Quantity: 12 inches

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/25/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/7/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/7/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 7/10/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/27/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/1/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Status: IRA Assessment Only  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0011914 / RAO  
Release Town: MIDDLETON  
Notification Date: 10/12/1994  
Category: 120 DY  
Associated ID: 3-0011914  
**Current Status:** **Response Action Outcome**  
Status Date: 01/05/2000  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: TPH  
Quantity: 4600 milligrams per kilogram  
Chemical: TPH  
Quantity: Not reported

Actions:  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/13/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/5/2000  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/12/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 10/12/1994  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/23/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 12/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 12/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 12/24/1997  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 4/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/26/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/27/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/24/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 7/27/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/3/1995



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 7/7/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Release Tracking Number/Current Status: 3-0028029 / RAO  
Release Town: MIDDLETON  
Notification Date: 09/29/2008  
Category: 72 HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 10/07/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil Or Haz Material: Oil  
Location Type: PRIVPROP  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: HISTORIC  
Source: RELEASE  
Source: POSSIBLE

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: UNKNOWN CHEMICAL OF UNKNOWN TYPE  
Quantity: 12 inches  
Chemical: LUBRICATING OIL  
Quantity: 12 inches

Actions:  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/25/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Status: RAO Statement Received  
Action Date: 10/7/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/7/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSNT  
Action Date: 7/10/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 8/14/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/27/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/1/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 9/29/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

**Release:**

Release Tracking Number/Current Status: 3-0011914 / RAO  
Primary ID: 3-0011914  
Official City: MIDDLETON  
Notification: 10/12/1994  
Category: 120 DY  
Status Date: 01/05/2000  
Phase: PHASE II  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/13/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Date:	1/5/2000
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	10/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	10/12/1994
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/23/1999
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/24/1997
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.
Action Type:	RLFA
Action Status:	FOLOFF
Action Date:	4/26/1995
Response Action Outcome:	A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 4/27/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA  
Action Status: FOLOFF  
Action Date: 5/24/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 7/27/1999  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 7/3/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Downgradient Property Status  
Action Status: Fee Received - FMCRA Use Only  
Action Date: 7/7/1995  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: TPH  
Quantity: 4600 milligrams per kilogram  
Chemical: TPH  
Quantity: Not reported

Release Tracking Number/Current Status: 3-0028029 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 09/29/2008  
Category: 72 HR  
Status Date: 10/07/2009  
Phase: Not reported  
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

Actions:  
Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Action Type: Compliance and Enforcement Action  
Action Status: Interim Deadline Letter Issued  
Action Date: 10/15/2008  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: Level I - Technical Screen Audit  
Action Date: 10/25/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 10/7/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/16/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Completion Statement Received  
Action Date: 4/7/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 6/30/2010  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSNT  
Action Date: 7/10/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 7/30/2009  
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 7/30/2009

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 8/14/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Modified Revised or Updated Plan Received  
Action Date: 8/14/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 8/14/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 8/27/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 9/1/2009

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/29/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action  
Action Status: IRA Assessment Only  
Action Date: 9/29/2008

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Chemicals:  
Chemical: UNKNOWN CHEMICAL OF UNKNOWN TYPE  
Quantity: 12 inches  
Chemical: LUBRICATING OIL  
Quantity: 12 inches  
Location Type: PRIVPROP  
Location Type: COMMERCIAL  
Source: UNKNOWN  
Source: HISTORIC  
Source: RELEASE  
Source: POSSIBLE



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOHN GIKAS 2002 TRUST (Continued)**

**S102687271**

**ENFORCEMENT:**

Region: NERO  
DEP Region: NERO  
DEP Program: 3C  
DEP Bureau: BWSC  
Program: Not reported  
Program Id: 3-0028029  
High Or Low Level Enforcement: LLE  
FMF #: Not reported  
Comptroller Billing Name: Not reported  
Town Where Violation Occurred: Not reported  
Date Executed: 10/15/2008  
ENF #: Not reported  
Document Type: IDL  
AG Ref (Y/N): Not reported  
Doc Archived (Y/N): Not reported  
EJ Community (Y/N): Not reported  
Regional Comment: Not reported  
Final Payment Due Date: Not reported  
ACOP \$: Not reported  
PAN \$: Not reported  
EMS (Y/N): Not reported  
EMS\$: Not reported  
SEP (Y/N): Not reported  
SEP \$: Not reported  
Demand \$: Not reported  
Suspended \$: Not reported  
Ownership: Commercially Owned

11  
ESE  
1/2-1  
0.810 mi.  
4277 ft.

**NO LOCATION AID**  
**206 SOUTH MAIN ST**  
**MIDDLETON, MA 01949**

**SHWS**  
**RELEASE**  
**ASBESTOS**  
**HW GEN**

**S105810600**  
**N/A**

**Relative:**  
**Lower**

**SHWS:**

**Actual:**  
**77 ft.**

Release Tracking Number/Current Status: 3-0022691 / RAO  
Release Town: MIDDLETON  
Notification Date: 03/24/2003  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 05/21/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: VEHICLE

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: DIESEL  
Quantity: 50 gallons  
Chemical: DIESEL FUEL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810600**

Quantity: 50 gallons

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/24/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/24/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/3/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/21/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/21/2003

Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Release Tracking Number/Current Status: 3-0014481 / RAO

Release Town: MIDDLETON

Notification Date: 12/17/1996

Category: 120 DY

Associated ID: Not reported

**Current Status: Response Action Outcome**

Status Date: 01/05/2000

Phase: PHASE II

Response Action Outcome: -

Oil Or Haz Material: Oil

Location Type: INDUSTRIAL

Source: DRUMS

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: WASTE OIL

Quantity: Not reported

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 1/10/1997

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810600**

Response Action Outcome:	Not reported
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	1/5/2000
Response Action Outcome:	Not reported
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	12/17/1996
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	12/17/1996
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Completion Statement Received
Action Date:	12/23/1999
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Tier 2 Classification
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	RAO Not Required
Action Status:	Linked to a Tier Classified Site
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	RTN Linked to TCLASS Via Tier Classification Submittal
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Phase 1
Action Status:	Completion Statement Received
Action Date:	12/24/1997
Response Action Outcome:	Not reported
Action Type:	Release Abatement Measure
Action Status:	Written Plan Received
Action Date:	7/27/1999
Response Action Outcome:	Not reported

Release:

Release Tracking Number/Current Status:	3-0014481 / RAO
Primary ID:	Not reported
Official City:	MIDDLETON

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810600**

Notification: 12/17/1996  
Category: 120 DY  
Status Date: 01/05/2000  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 1/10/1997  
Response Action Outcome: Not reported

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 1/5/2000  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 12/17/1996  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 12/17/1996  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Completion Statement Received  
Action Date: 12/23/1999  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 12/24/1997  
Response Action Outcome: Not reported

Action Type: RAO Not Required  
Action Status: Linked to a Tier Classified Site  
Action Date: 12/24/1997  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 12/24/1997  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: RTN Linked to TCLASS Via Tier Classification Submittal  
Action Date: 12/24/1997  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810600**

Action Date: 12/24/1997  
Response Action Outcome: Not reported

Action Type: Release Abatement Measure  
Action Status: Written Plan Received  
Action Date: 7/27/1999  
Response Action Outcome: Not reported

**Chemicals:**

Chemical: WASTE OIL  
Quantity: Not reported  
Location Type: INDUSTRIAL  
Source: DRUMS

Release Tracking Number/Current Status: 3-0022691 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 03/24/2003  
Category: TWO HR  
Status Date: 05/21/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 3/24/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/24/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 4/3/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 5/21/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 5/21/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S105810600**

to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: DIESEL  
Quantity: 50 gallons  
Chemical: DIESEL FUEL  
Quantity: 50 gallons  
Location Type: COMMERCIAL  
Source: VEHICLE

**ASBESTOS:**

Notification: Not reported  
DEP Region: Not reported  
Notifiers Name: Not reported  
Start Date: 10/08/2012  
End Date: 10/12/2012  
Date Entered: Not reported  
Entry Date: 09/25/2012  
Quantity Material Removed SF: 9800.00  
Quantity Material Removed LF: .00  
Project Description: Trns  
AR Tracking ID: 163800  
Super Lic Number: AS000339  
Monitor Lic Number: AA000144  
Lab Lic Number: Not reported  
Year: 2012  
Sticker Number: 100159677  
Form Type: ANF-001  
Fee Status: Fifty  
Facility Phone: Not reported  
Sub Town: Not reported  
Worksite: FIRST, SECOND FL.  
Occupied: 0  
Contractor: AC000511  
Contract Type: WRITTEN  
Hours: Week days: 8AM-4 Week end: 8AM-4  
Project Type: Oth:ASBESTOS REMOVAL  
Abatement Process: Fcontain  
Location: Indoors  
Decon Process: FULL CONTAINMENT  
Disposal Methods: ALL METHODS WILL COMPLY  
Facility Usage: FORMER AERO SPACE BUILDING  
Waiver Given: Not reported  
DEP Waiver Number: Not reported  
DLWD Waiver Number: Not reported  
Small Owner Occ: 5  
Owner Name: SAME  
Owner Address: 77 WALNUT  
Owner City: PEABODY, MA  
Owner State: MA  
On Site Manager Name: Not reported  
On Site Manager Phone: Not reported  
Ins Comp: Not reported  
Policy Number: Not reported  
EXP Date: Not reported  
Facility Size: 50,000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

NO LOCATION AID (Continued)

S105810600

Transporter Name: Not reported  
Transporter Address: Not reported  
Transporter City: Not reported  
Transporter State: Not reported  
Final Site: 18  
Certified Name: JIM NET  
Cert Sign Date: 09/25/2012  
Certified Company: NA, INC  
Certified Phone: 7815893161  
Entered\_by: Not reported

HW GEN:  
EPA Id: MAD982754400  
RCRA Generator Status: VSQG  
State Generator Status: LQG-MA

12  
NNW  
1/2-1  
0.835 mi.  
4410 ft.

NO LOCATION AID  
67 NORTH MAIN STREET  
MIDDLETON, MA 01949

SHWS  
RELEASE S120630255  
N/A

Relative:  
Higher  
Actual:  
117 ft.

SHWS:  
Release Tracking Number/Current Status: 3-0034062 / TIERII  
Release Town: MIDDLETON  
Notification Date: 01/23/2017  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.**  
  
Status Date: 01/22/2018  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material  
Location Type: COMMERCIAL  
Source: USE  
Source: SITE  
Source: HISTORICAL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: AROCLOR 1254  
Quantity: 61.2 milligrams per kilogram  
Chemical: ANTIMONY  
Quantity: 1650 milligrams per kilogram  
Chemical: POLYCHLORINATED BIPHENYLS (PCBS)  
Quantity: 16.1 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 37.5 milligrams per kilogram  
Chemical: BIS(2-ETHYLHEXYL)PHTHALATE  
Quantity: 1060 milligrams per kilogram

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Chemical: LEAD  
Quantity: 42600 milligrams per kilogram  
Chemical: AROCLOR 1242  
Quantity: 55.6 milligrams per kilogram

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 1/29/2018  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/22/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/27/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSNT  
Action Date: 11/6/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Action Date:	2/24/2017
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	3/27/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/23/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	5/24/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	5/25/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	6/15/2017
Response Action Outcome:	Not reported
Release Tracking Number/Current Status:	3-0034062 / TIERII
Release Town:	MIDDLETON
Notification Date:	01/23/2017
Category:	TWO HR
Associated ID:	Not reported
Current Status:	<b>Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

**response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.**

Status Date: 01/22/2018  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material  
Location Type: COMMERCIAL  
Source: USE  
Source: SITE  
Source: HISTORICAL

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: AROCLOR 1254  
Quantity: 61.2 milligrams per kilogram  
Chemical: ANTIMONY  
Quantity: 1650 milligrams per kilogram  
Chemical: POLYCHLORINATED BIPHENYLS (PCBS)  
Quantity: 16.1 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 37.5 milligrams per kilogram  
Chemical: BIS(2-ETHYLHEXYL)PHTHALATE  
Quantity: 1060 milligrams per kilogram  
Chemical: LEAD  
Quantity: 42600 milligrams per kilogram  
Chemical: AROCLOR 1242  
Quantity: 55.6 milligrams per kilogram

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	1/23/2017
Response Action Outcome:	Not reported
Action Type:	Tier Classification
Action Status:	Legal Notice Published
Action Date:	1/29/2018
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received
Action Date:	11/22/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	11/27/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	ALSENT
Action Date:	11/6/2017
Response Action Outcome:	Not reported
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	2/24/2017
Response Action Outcome:	Not reported
Action Type:	RNFE
Action Status:	Transmittal, Notice, or Notification Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Written Plan Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Imminent Hazard Evaluation Received
Action Date:	3/24/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Level I - Technical Screen Audit
Action Date:	3/27/2017
Response Action Outcome:	Not reported
Action Type:	Immediate Response Action
Action Status:	Status or Interim Report Received

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Action Date: 5/23/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/24/2018  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/25/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 6/15/2017  
Response Action Outcome: Not reported

Release Tracking Number/Current Status: 3-0034062 / TIERII  
Release Town: MIDDLETON  
Notification Date: 01/23/2017  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Tier II, A site/release receiving a total NRS score of less than 350, unless the site meets any of the Tier 1 Inclusionary Criteria (see above). Permits are not required at Tier 2 sites/releases and response actions may be performed under the supervision of an LSP without prior DEP approval. All pre-1993 transition sites that have accepted waivers are categorically Tier 2 sites.**

Status Date: 01/22/2018  
Phase: PHASE II  
Response Action Outcome: -  
Oil Or Haz Material: Hazardous Material  
Location Type: COMMERCIAL  
Source: USE  
Source: SITE  
Source: HISTORICAL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:

Chemical:	AROCOLOR 1254
Quantity:	61.2 milligrams per kilogram
Chemical:	ANTIMONY
Quantity:	1650 milligrams per kilogram
Chemical:	POLYCHLORINATED BIPHENYLS (PCBS)
Quantity:	16.1 milligrams per kilogram
Chemical:	ARSENIC
Quantity:	37.5 milligrams per kilogram
Chemical:	BIS(2-ETHYLHEXYL)PHTHALATE
Quantity:	1060 milligrams per kilogram
Chemical:	LEAD
Quantity:	42600 milligrams per kilogram
Chemical:	AROCOLOR 1242
Quantity:	55.6 milligrams per kilogram

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Actions:

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 1/29/2018  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/22/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/27/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 11/6/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 2/24/2017  
Response Action Outcome: Not reported

Action Type: RNFE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/27/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/23/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/24/2018  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/25/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 6/15/2017  
Response Action Outcome: Not reported

**Release:**

Release Tracking Number/Current Status: 3-0034062 / TIERII  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 01/23/2017  
Category: TWO HR  
Status Date: 01/22/2018  
Phase: PHASE II  
Response Action Outcome: -  
Oil / Haz Material Type: Hazardous Material

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Tier Classification  
Action Status: Tier 2 Classification  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 1  
Action Status: Completion Statement Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Phase 2  
Action Status: Scope of Work Received  
Action Date: 1/22/2018  
Response Action Outcome: Not reported

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 1/23/2017  
Response Action Outcome: Not reported

Action Type: Tier Classification  
Action Status: Legal Notice Published  
Action Date: 1/29/2018  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 11/22/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 11/27/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: ALSENT  
Action Date: 11/6/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 2/24/2017  
Response Action Outcome: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Action Type: RNFE  
Action Status: Transmittal, Notice, or Notification Received  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Written Plan Received  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Imminent Hazard Evaluation Received  
Action Date: 3/24/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 3/27/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/23/2017  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Status or Interim Report Received  
Action Date: 5/24/2018  
Response Action Outcome: Not reported

Action Type: Immediate Response Action  
Action Status: Level I - Technical Screen Audit  
Action Date: 5/25/2017  
Response Action Outcome: Not reported

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.)  
Action Date: 6/15/2017  
Response Action Outcome: Not reported

Chemicals:  
Chemical: AROCLOR 1254  
Quantity: 61.2 milligrams per kilogram  
Chemical: ANTIMONY  
Quantity: 1650 milligrams per kilogram  
Chemical: POLYCHLORINATED BIPHENYLS (PCBS)  
Quantity: 16.1 milligrams per kilogram  
Chemical: ARSENIC  
Quantity: 37.5 milligrams per kilogram  
Chemical: BIS(2-ETHYLHEXYL)PHTHALATE  
Quantity: 1060 milligrams per kilogram  
Chemical: LEAD



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NO LOCATION AID (Continued)**

**S120630255**

Quantity: 42600 milligrams per kilogram  
Chemical: AROCLOR 1242  
Quantity: 55.6 milligrams per kilogram  
Location Type: COMMERCIAL  
Source: USE  
Source: SITE  
Source: HISTORICAL

13  
WNW  
1/2-1  
0.911 mi.  
4810 ft.

**FIRST PETROLEUM  
30 LAKE ST.  
MIDDLETON, MA 01949**

**SHWS  
SPILLS  
RELEASE  
ASBESTOS**

**S101034786  
N/A**

**Relative:  
Higher  
Actual:  
88 ft.**

SHWS:  
Release Tracking Number/Current Status: 3-0022987 / RAO  
Release Town: MIDDLETON  
Notification Date: 07/01/2003  
Category: TWO HR  
Associated ID: Not reported  
**Current Status:** **Response Action Outcome**  
Status Date: 09/03/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
  
Oil Or Haz Material: Hazardous Material  
Location Type: MUNICIPAL

[Click here to access the MA DEP site for this facility:](#)

Chemicals:  
Chemical: SODIUM ALUMINATE  
Quantity: 150 gallons  
Chemical: SODIUM  
Quantity: Not reported

Actions:  
Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/1/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/1/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 7/22/2003  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST PETROLEUM (Continued)**

**S101034786**

Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**MA Spills:**

Facility ID:	0000	Spill ID:	N90-1901
Staff Lead:	STEWART, B	Date Entered:	19910206
Last Entered:	19931215	First Response:	19901119
Spill Date:	Not reported	Spill Time:	Not reported
Report Date:	19901119	Report Time:	09:10AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	DIESEL FUEL	Other Material:	Not reported
Qty Reported:	51-100	Qty Actual:	UNKNOWN
Qty Reported:	GALLONS	Qty Actual:	GALLONS
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	PIPE/HOSE/LINE	Other Source:	Not reported
Incident:	OVERFILL	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	---
Report Prep:	Not reported	Category:	Not reported
Notifier:	DON BANCROFT, TOWN OF DANVERS		
Notif Tel:	Not reported		
Days/Close:	0		
Facility ID:	0000	Spill ID:	N90-1594
Staff Lead:	STUGER, B	Date Entered:	19901017
Last Entered:	19901017	First Response:	19900926
Spill Date:	19900926	Spill Time:	Not reported
Report Date:	19900926	Report Time:	09:27AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	-----	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	ASPHALT	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	UNKNOWN
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	NONE
Source:	-----	Other Source:	Not reported
Incident:	DUMPING	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	SW	LUST Elig:	NO
Report Prep:	Not reported	Category:	Not reported
Notifier:	ANONYMOUS		
Notif Tel:	Not reported		
Days/Close:	1		
Facility ID:	0000	Spill ID:	N92-0201
Staff Lead:	MACAFEE, K	Date Entered:	19920312
Last Entered:	19920828	First Response:	19920219

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST PETROLEUM (Continued)**

**S101034786**

Spill Date:	Not reported	Spill Time:	Not reported
Report Date:	19920219	Report Time:	09:30AM
Case Closed:	YES	Mat Type:	PETROLEUM
Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	SOIL	Other Impact:	Not reported
Material:	DIESEL FUEL	Other Material:	Not reported
Qty Reported:	UNKNOWN	Qty Actual:	-----
Qty Reported:	-----	Qty Actual:	-----
CAS No:	Not reported	PCB Lev (ppm):	-----
Source:	U.S.T.	Other Source:	Not reported
Incident:	LEAK	Other Incdnt:	Not reported
Cleanup Type:	---	Contractor:	NOT USED
Referral:	NO	LUST Elig:	NO
Report Prep:	Not reported	Category:	2
Notifier:	D BANCROFT/DANVERS WWTF		
Notif Tel:	Not reported		
Days/Close:	197		

**Release:**

Release Tracking Number/Current Status: 3-0022987 / RAO  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 07/01/2003  
Category: TWO HR  
Status Date: 09/03/2003  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Hazardous Material

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type:	Immediate Response Action
Action Status:	Oral Approval of Plan or Action
Action Date:	7/1/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	Release Disposition
Action Status:	Reportable Release under MGL 21E
Action Date:	7/1/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	A Notice sent to a Potentially Responsible Party (PRP)
Action Status:	A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date:	7/22/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Action Type:	RNF
Action Status:	Reportable Release under MGL 21E
Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST PETROLEUM (Continued)**

**S101034786**

Action Type:	Response Action Outcome - RAO
Action Status:	RAO Statement Received
Action Date:	9/3/2003
Response Action Outcome:	A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Chemicals:	
Chemical:	SODIUM ALUMINATE
Quantity:	150 gallons
Chemical:	SODIUM
Quantity:	Not reported
Location Type:	MUNICIPAL

ASBESTOS:	
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	02/06/2013
End Date:	02/22/2013
Date Entered:	Not reported
Entry Date:	01/25/2013
Quantity Material Removed SF:	.00
Quantity Material Removed LF:	240.00
Project Description:	Other:
AR Tracking ID:	168712
Super Lic Number:	AS040944
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2013
Sticker Number:	100171314
Form Type:	ANF-001
Fee Status:	Fifty
Facility Phone:	6032312765
Sub Town:	Not reported
Worksite:	WWTP
Occupied:	-1
Contractor:	AC000096
Contract Type:	Off
Hours:	Week days: 7:00 AM Week end: 7:00 AM
Project Type:	Renv
Abatement Process:	Glv
Location:	Indoors
Decon Process:	3-CHAMBER DECONS
Disposal Methods:	6-MIL, BLACK ACM-DISPOSAL BAGS AND/OR FIBER DRUMS
Facility Usage:	MANUFACTURING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	WATERLINE INDUSTRIES CORP
Owner Address:	7 LONDON LANE
Owner City:	SEABROOK
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST PETROLEUM (Continued)**

**S101034786**

Policy Number:	Not reported
EXP Date:	Not reported
Facility Size:	7000
Transporter Name:	YANKEE FIBER CONTROL, INC.
Transporter Address:	50 INDUSTRIAL WAY
Transporter City:	SEEKONK
Transporter State:	Not reported
Final Site:	39
Certified Name:	JIM HUTZLER
Cert Sign Date:	01/25/2013
Certified Company:	YANKEE FIBER CONTROL
Certified Phone:	5083435115
Entered_by:	Not reported
Notification:	Not reported
DEP Region:	Not reported
Notifiers Name:	Not reported
Start Date:	11/28/2012
End Date:	12/23/2012
Date Entered:	Not reported
Entry Date:	10/25/2012
Quantity Material Removed SF:	.00
Quantity Material Removed LF:	240.00
Project Description:	Other:
AR Tracking ID:	165222
Super Lic Number:	AS040944
Monitor Lic Number:	Not reported
Lab Lic Number:	Not reported
Year:	2012
Sticker Number:	100162427
Form Type:	ANF-001
Fee Status:	Fifty
Facility Phone:	6032312765
Sub Town:	Not reported
Worksite:	WWTP
Occupied:	-1
Contractor:	AC000096
Contract Type:	WRITTEN
Hours:	Week days: 7:00 AM Week end: 7:00 AM
Project Type:	Renv
Abatement Process:	Glv
Location:	Indoors
Decon Process:	3-CHAMBER DECONS
Disposal Methods:	6-MIL, BLACK ACM-DISPOSAL BAGS AND/OR FIBER DRUMS
Facility Usage:	MANUFACTURING
Waiver Given:	Not reported
DEP Waiver Number:	Not reported
DLWD Waiver Number:	Not reported
Small Owner Occ:	5
Owner Name:	WATERLINE INDUSTRIES CORP
Owner Address:	7 LONDON LANE
Owner City:	SEABROOK
Owner State:	MA
On Site Manager Name:	Not reported
On Site Manager Phone:	Not reported
Ins Comp:	Not reported
Policy Number:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**FIRST PETROLEUM (Continued)**

**S101034786**

EXP Date: Not reported  
Facility Size: 7000  
Transporter Name: YANKEE FIBER CONTROL, INC.  
Transporter Address: 50 INDUSTRIAL WAY  
Transporter City: SEEKONK  
Transporter State: Not reported  
Final Site: 39  
Certified Name: JIM HUTZLER  
Cert Sign Date: 10/25/2012  
Certified Company: YANKEE FIBER CONTROL  
Certified Phone: 5083435115  
Entered\_by: Not reported

14  
NNW  
1/2-1  
0.922 mi.  
4869 ft.

**QUARTER MILE NORTH OF 114 AND 62  
73 NORTH MAIN ST  
MIDDLETON, MA 01949**

**SHWS S101017287  
LUST N/A  
SPILLS  
RELEASE**

**Relative:  
Higher**

**SHWS:**

**Actual:  
117 ft.**

Release Tracking Number/Current Status: 3-0001376 / DEPNFA  
Release Town: MIDDLETON  
Notification Date: 10/15/1989  
Category: NONE  
Associated ID: Not reported  
**Current Status: No Further Action (DEP Determined)**  
Status Date: 04/03/1996  
Phase: Not reported  
Response Action Outcome: -  
Oil Or Haz Material: Not reported

Click here to access the MA DEP site for this facility:

**Chemicals:**

Chemical: UNKNOWN  
Quantity: Not reported

**Actions:**

Action Type: Release Disposition  
Action Status: Valid Transition Site  
Action Date: 10/15/1989  
Response Action Outcome: Not reported

Action Type: TREGS  
Action Status: DEPNFA  
Action Date: 4/3/1996  
Response Action Outcome: Not reported

**LUST:**

**Facility:**

Release Tracking Number/Current Status: 3-0020892 / RAO  
Status Date: 09/06/2001  
Source Type: UST  
Release Town: MIDDLETON  
Notification Date: 07/09/2001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTER MILE NORTH OF 114 AND 62 (Continued)**

**S101017287**

Category: 72 HR  
Associated ID: Not reported  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil Or Haz Material: Oil  
Location Type: COMMERCIAL  
Source: UST

[Click here to access the MA DEP site for this facility:](#)

**Chemicals:**

Chemical: GASOLINE  
Quantity: Not reported

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/10/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/9/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 8/10/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/6/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**MA Spills:**

Facility ID: 3-1376  
Staff Lead: FONKEM, V  
Last Entered: 19940201  
Spill Date: 19870806  
Report Date: 19870806  
Case Closed: YES

Spill ID: N87-1089  
Date Entered: 19871001  
First Response: 19870806  
Spill Time: Not reported  
Report Time: 03:00  
Mat Type: PETROLEUM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTER MILE NORTH OF 114 AND 62 (Continued)**

**S101017287**

Virgin Waste:	VIRGIN	Contam Soil:	Not reported
Env Impact:	Not reported	Other Impact:	Not reported
Material:	GASOLINE	Other Material:	Not reported
Qty Reported:	NONE	Qty Actual:	NONE
Qty Reported:		Qty Actual:	
CAS No:	Not reported	PCB Lev (ppm):	Not reported
Source:	U.S.T.	Other Source:	Not reported
Incident:	TANK REMOVAL	Other Incdnt:	Not reported
Cleanup Type:	Not reported	Contractor:	NOT USED
Referral:	SA	LUST Elig:	Not reported
Report Prep:	Not reported	Category:	Not reported
Notifier:	Not reported		
Notif Tel:	Not reported		
Days/Close:	0		

**Release:**

Release Tracking Number/Current Status: 3-0001376 / DEPNFA  
Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 10/15/1989  
Category: NONE  
Status Date: 04/03/1996  
Phase: Not reported  
Response Action Outcome: -  
Oil / Haz Material Type: Not reported

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type:	Release Disposition
Action Status:	Valid Transition Site
Action Date:	10/15/1989
Response Action Outcome:	Not reported
Action Type:	TREGS
Action Status:	DEPNFA
Action Date:	4/3/1996
Response Action Outcome:	Not reported

**Chemicals:**

Chemical: UNKNOWN  
Quantity: Not reported

Release Tracking Number/Current Status: 3-0020892 / RAO

Primary ID: Not reported  
Official City: MIDDLETON  
Notification: 07/09/2001  
Category: 72 HR  
Status Date: 09/06/2001  
Phase: Not reported  
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.  
Oil / Haz Material Type: Oil



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**QUARTER MILE NORTH OF 114 AND 62 (Continued)**

**S101017287**

[Click here to access the MA DEP site for this facility:](#)

**Actions:**

Action Type: Immediate Response Action  
Action Status: Oral Approval of Plan or Action  
Action Date: 7/10/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Release Disposition  
Action Status: Reportable Release under MGL 21E  
Action Date: 7/9/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)  
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.  
Action Date: 8/10/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNF  
Action Status: Reportable Release under MGL 21E  
Action Date: 9/27/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO  
Action Status: RAO Statement Received  
Action Date: 9/6/2001  
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

**Chemicals:**

Chemical: GASOLINE  
Quantity: Not reported  
Location Type: COMMERCIAL  
Source: UST

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
DANVERS	S117964766	LIBERTY STREET BRIDGE	LIBERTY STREET	01923	SHWS, RELEASE
MIDDLETON	S111739410	EMERSON BROOK RESERVOIR	FOREST STREET	01949	SHWS, RELEASE
MIDDLETON	S109330265	JOHNSON DUMP SITE	NORTH MAIN ST	01949	SWF/LF
MIDDLETON	1003862333	BASTILE CORP	MAIN STREET	01949	SEMS-ARCHIVE
MIDDLETON	S117277484	ROADWAY SPILL ADJ 21&23 MEADOW DRI	MEADOW DRIVE		SHWS, RELEASE
NORTH READING	S110303489	LOT 179	LITTLE MEADOW WAY	01864	SHWS, RELEASE

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **STANDARD ENVIRONMENTAL RECORDS**

### ***Federal NPL site list***

#### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: N/A
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: N/A  
Last EDR Contact: 12/28/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Quarterly

### ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 92

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 12/28/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Quarterly

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 12/13/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Quarterly

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (888) 372-7341
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### ***Federal institutional controls / engineering controls registries***

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018  
Date Data Arrived at EDR: 09/25/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 45

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 01/08/2019  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## ***State- and tribal - equivalent CERCLIS***

SHWS: Site Transition List

Contains information on releases of oil and hazardous materials that have been reported to DEP.

Date of Government Version: 07/10/2018  
Date Data Arrived at EDR: 10/03/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 2

Source: Department of Environmental Protection  
Telephone: 617-292-5990  
Last EDR Contact: 01/09/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

## ***State and tribal landfill and/or solid waste disposal site lists***

LF PROFILES: Landfill Profiles Listing

This spreadsheet describes landfills that have actively accepted waste or have closed under MassDEP Solid Waste Regulations first adopted in 1971 (310 CMR 16.00 and 310 CMR 19.00). The list does not include landfills that closed before 1971 (and which never had a MassDEP permit or approval), or for which agency data is incomplete.

Date of Government Version: 07/01/2015  
Date Data Arrived at EDR: 10/27/2015  
Date Made Active in Reports: 12/14/2015  
Number of Days to Update: 48

Source: Department of Environmental Protection  
Telephone: 617-292-5868  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

SWF/LF: Solid Waste Facility Database/Transfer Stations

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/01/2018  
Date Data Arrived at EDR: 07/05/2018  
Date Made Active in Reports: 08/14/2018  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: 617-292-5989  
Last EDR Contact: 01/04/2019  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Annually

## ***State and tribal leaking storage tank lists***

LAST: Leaking Aboveground Storage Tank Sites

Sites within the Releases Database that have a AST listed as its source.

Date of Government Version: 07/10/2018  
Date Data Arrived at EDR: 10/03/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 2

Source: Department of Environmental Protection  
Telephone: 617-292-5500  
Last EDR Contact: 01/09/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### LUST: Leaking Underground Storage Tank Listing

Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source.

Date of Government Version: 07/10/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/03/2018	Telephone: 617-292-5990
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 01/09/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

### INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3372
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA, Region 5  
Telephone: 312-886-7439  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### **State and tribal registered storage tank lists**

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017  
Date Data Arrived at EDR: 05/30/2017  
Date Made Active in Reports: 10/13/2017  
Number of Days to Update: 136

Source: FEMA  
Telephone: 202-646-5797  
Last EDR Contact: 01/08/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

#### UST: Summary Listing of all the Tanks Registered in the State of Massachusetts

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 11/02/2018  
Date Data Arrived at EDR: 11/08/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 6

Source: Department of Fire Services, Office of the Public Safety  
Telephone: 617-556-1035  
Last EDR Contact: 10/15/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Quarterly

#### AST: Aboveground Storage Tank Database

Registered Aboveground Storage Tanks.

Date of Government Version: 07/13/2018  
Date Data Arrived at EDR: 07/17/2018  
Date Made Active in Reports: 08/23/2018  
Number of Days to Update: 37

Source: Department of Public Safety  
Telephone: 617-556-1035  
Last EDR Contact: 11/26/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: No Update Planned

#### AST 2: Aboveground Storage Tanks

Aboveground storage tanks

Date of Government Version: 10/15/2018  
Date Data Arrived at EDR: 10/16/2018  
Date Made Active in Reports: 11/01/2018  
Number of Days to Update: 16

Source: Department of Fire Services  
Telephone: 978-567-3181  
Last EDR Contact: 10/15/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Varies

#### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 5  
Telephone: 312-886-6136  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 05/08/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 4  
Telephone: 404-562-9424  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 8  
Telephone: 303-312-6137  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/10/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018  
Date Data Arrived at EDR: 05/18/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 63

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 10/26/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: Varies

### **State and tribal institutional control / engineering control registries**

#### INST CONTROL: Sites With Activity and Use Limitation

Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses.

Date of Government Version: 07/10/2018  
Date Data Arrived at EDR: 10/03/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 2

Source: Department of Environmental Protection  
Telephone: 617-292-5990  
Last EDR Contact: 01/09/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Quarterly

### **State and tribal voluntary cleanup sites**

#### INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
Data Release Frequency: Varies

#### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015  
Date Data Arrived at EDR: 09/29/2015  
Date Made Active in Reports: 02/18/2016  
Number of Days to Update: 142

Source: EPA, Region 1  
Telephone: 617-918-1102  
Last EDR Contact: 12/19/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Varies

### **State and tribal Brownfields sites**

#### BROWNFIELDS: Completed Brownfields Covenants Listing

Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E.

Date of Government Version: 04/05/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 10/10/2017  
Number of Days to Update: 68

Source: Office of the Attorney General  
Telephone: 617-963-2423  
Last EDR Contact: 11/02/2018  
Next Scheduled EDR Contact: 02/11/2019  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### BROWNFIELDS 2: Potential Brownfields Listing

A listing of potential brownfields site locations in the state.

Date of Government Version: 05/22/2017  
Date Data Arrived at EDR: 08/03/2017  
Date Made Active in Reports: 09/22/2017  
Number of Days to Update: 50

Source: Department of Environmental Protection  
Telephone: 617-556-1007  
Last EDR Contact: 11/02/2018  
Next Scheduled EDR Contact: 02/11/2019  
Data Release Frequency: Varies

### ADDITIONAL ENVIRONMENTAL RECORDS

#### ***Local Brownfield lists***

##### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 12/17/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 12/18/2018  
Next Scheduled EDR Contact: 04/01/2019  
Data Release Frequency: Semi-Annually

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

##### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 12/03/2007  
Date Made Active in Reports: 01/24/2008  
Number of Days to Update: 52

Source: Environmental Protection Agency  
Telephone: 703-308-8245  
Last EDR Contact: 10/25/2018  
Next Scheduled EDR Contact: 02/11/2019  
Data Release Frequency: Varies

##### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

##### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 10/22/2018  
Next Scheduled EDR Contact: 02/04/2019  
Data Release Frequency: No Update Planned

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014

Date Data Arrived at EDR: 08/06/2014

Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service

Telephone: 301-443-1452

Last EDR Contact: 11/02/2018

Next Scheduled EDR Contact: 02/11/2019

Data Release Frequency: Varies

### **Local Lists of Hazardous waste / Contaminated Sites**

#### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018

Date Data Arrived at EDR: 09/21/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 49

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 11/26/2018

Next Scheduled EDR Contact: 03/11/2019

Data Release Frequency: No Update Planned

#### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/21/2018

Date Data Arrived at EDR: 09/21/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 49

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 11/26/2018

Next Scheduled EDR Contact: 03/11/2019

Data Release Frequency: Quarterly

### **Local Land Records**

#### LIENS: Liens Information Listing

A listing of environmental liens.

Date of Government Version: 03/07/2018

Date Data Arrived at EDR: 03/09/2018

Date Made Active in Reports: 06/21/2018

Number of Days to Update: 104

Source: Department of Environmental Protection

Telephone: 617-292-5628

Last EDR Contact: 11/15/2018

Next Scheduled EDR Contact: 03/04/2019

Data Release Frequency: Varies

#### LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 12/12/2018

Date Data Arrived at EDR: 12/28/2018

Date Made Active in Reports: 01/11/2019

Number of Days to Update: 14

Source: Environmental Protection Agency

Telephone: 202-564-6023

Last EDR Contact: 12/28/2018

Next Scheduled EDR Contact: 02/04/2019

Data Release Frequency: Semi-Annually

### **Records of Emergency Release Reports**

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 01/08/2019
Number of Days to Update: 73	Next Scheduled EDR Contact: 04/08/2019
	Data Release Frequency: Quarterly

### RELEASE: Reportable Releases

Contains information on all releases of oil and hazardous materials that have been reported to DEP

Date of Government Version: 07/10/2018	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/03/2018	Telephone: 617-292-5990
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 01/09/2019
Number of Days to Update: 2	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

### MA SPILLS: Historical Spill List

The Spills Database was the release notification tracking system for spills that occurred prior to October 1, 1993. This information should be considered to be primarily of historical interest since all of the listed spills have either been cleaned up or assigned new tracking numbers and moved to the Reportable Releases or Sites Transition List databases.

Date of Government Version: 09/30/1993	Source: Department of Environmental Protection
Date Data Arrived at EDR: 12/03/2003	Telephone: 617-292-5720
Date Made Active in Reports: 12/31/2003	Last EDR Contact: 12/03/2003
Number of Days to Update: 28	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/11/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/08/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 03/10/1998	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 03/05/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### **Other Ascertainable Records**

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018  
Date Data Arrived at EDR: 03/28/2018  
Date Made Active in Reports: 06/22/2018  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: (888) 372-7341  
Last EDR Contact: 12/03/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 11/19/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 11/16/2018  
Next Scheduled EDR Contact: 02/25/2019  
Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 08/31/2018  
Date Data Arrived at EDR: 09/25/2018  
Date Made Active in Reports: 11/09/2018  
Number of Days to Update: 45

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 12/21/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/05/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 11/09/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 12/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 04/01/2019
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 11/16/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/24/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 12/12/2018	Source: EPA
Date Data Arrived at EDR: 12/28/2018	Telephone: 703-416-0223
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 12/28/2018
Number of Days to Update: 14	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Annually

### RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/26/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2018	Telephone: 202-564-8600
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 10/23/2018
Number of Days to Update: 66	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 12/28/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

### PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 01/11/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 01/07/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 04/22/2019
	Data Release Frequency: Quarterly

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: Quarterly

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 01/03/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 04/15/2019
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/30/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/11/2019
	Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2018  
Date Data Arrived at EDR: 10/12/2018  
Date Made Active in Reports: 12/07/2018  
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 11/21/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Biennially

### INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014  
Date Data Arrived at EDR: 07/14/2015  
Date Made Active in Reports: 01/10/2017  
Number of Days to Update: 546

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Semi-Annually

### FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017  
Date Data Arrived at EDR: 09/11/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 3

Source: Department of Energy  
Telephone: 202-586-3559  
Last EDR Contact: 11/01/2018  
Next Scheduled EDR Contact: 02/18/2019  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 12/14/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/12/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 14

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 12/28/2018  
Next Scheduled EDR Contact: 04/15/2019  
Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001  
Date Data Arrived at EDR: 10/27/2010  
Date Made Active in Reports: 12/02/2010  
Number of Days to Update: 36

Source: American Journal of Public Health  
Telephone: 703-305-6451  
Last EDR Contact: 12/02/2009  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018  
Date Data Arrived at EDR: 08/29/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005  
Date Data Arrived at EDR: 02/29/2008  
Date Made Active in Reports: 04/18/2008  
Number of Days to Update: 49

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 11/30/2018  
Next Scheduled EDR Contact: 03/11/2019  
Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/19/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/15/2018	Source: EPA
Date Data Arrived at EDR: 12/05/2018	Telephone: (617) 918-1111
Date Made Active in Reports: 01/11/2019	Last EDR Contact: 01/08/2019
Number of Days to Update: 37	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 01/07/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/22/2018  
Date Data Arrived at EDR: 08/22/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 44

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 11/19/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Quarterly

### AIRS: Permitted Facilities Listing

A listing of Air Quality permit applications.

Date of Government Version: 10/17/2018  
Date Data Arrived at EDR: 10/19/2018  
Date Made Active in Reports: 10/25/2018  
Number of Days to Update: 6

Source: Department of Environmental Protection  
Telephone: 617-292-5789  
Last EDR Contact: 10/15/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Varies

### ASBESTOS: Asbestos Notification Listing

Asbestos sites

Date of Government Version: 09/21/2018  
Date Data Arrived at EDR: 09/28/2018  
Date Made Active in Reports: 10/29/2018  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 617-292-5982  
Last EDR Contact: 11/15/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Varies

### DRYCLEANERS: Regulated Drycleaning Facilities

A listing of Department of Environmental Protection regulated drycleaning facilities that use perchloroethylene under the Environmental Results Program.

Date of Government Version: 11/02/2018  
Date Data Arrived at EDR: 11/08/2018  
Date Made Active in Reports: 11/14/2018  
Number of Days to Update: 6

Source: Department of Environmental Protection  
Telephone: 617-292-5633  
Last EDR Contact: 10/15/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Varies

### ENFORCEMENT: Enforcement Action Cases

A listing of enforcement action cases tracked by Department of Environmental Protection programs, including Solid Waste and Hazardous Waste.

Date of Government Version: 11/09/2018  
Date Data Arrived at EDR: 11/14/2018  
Date Made Active in Reports: 12/17/2018  
Number of Days to Update: 33

Source: Department of Environmental Quality  
Telephone: 617-292-5979  
Last EDR Contact: 11/08/2018  
Next Scheduled EDR Contact: 02/11/2019  
Data Release Frequency: Varies

### Financial Assurance 1: Financial Assurance Information Listing

Information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 12/01/2010  
Date Data Arrived at EDR: 12/23/2010  
Date Made Active in Reports: 02/03/2011  
Number of Days to Update: 42

Source: Department of Environmental Protection  
Telephone: 617-292-5970  
Last EDR Contact: 12/07/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

### Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for underground storage tanks. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2018  
Date Data Arrived at EDR: 07/17/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 50

Source: Office of State Fire Marshal  
Telephone: 978-567-3100  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Varies

### Financial Assurance 3: Financial Assurance Information listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay

Date of Government Version: 01/16/2018  
Date Data Arrived at EDR: 04/17/2018  
Date Made Active in Reports: 06/15/2018  
Number of Days to Update: 59

Source: Department of Environmental Protection  
Telephone: 617-292-5970  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Varies

### GWDP: Ground Water Discharge Permits

The Ground Water Discharge Permits datalayer (formerly known as Groundwater Discharge Points) is a statewide point dataset containing approximate locations of permitted discharges to groundwater.

Date of Government Version: 01/18/2018  
Date Data Arrived at EDR: 05/04/2018  
Date Made Active in Reports: 05/23/2018  
Number of Days to Update: 19

Source: MassGIS  
Telephone: 617-556-1150  
Last EDR Contact: 10/25/2018  
Next Scheduled EDR Contact: 02/11/2019  
Data Release Frequency: Varies

### HW GEN: List of Massachusetts Hazardous Waste Generators

Permanent generator identification numbers for all Massachusetts generators of hazardous waste and waste oil that have registered with or notified MassDEP of their hazardous waste activities.

Date of Government Version: 09/19/2018  
Date Data Arrived at EDR: 09/26/2018  
Date Made Active in Reports: 10/26/2018  
Number of Days to Update: 30

Source: Department of Environmental Protection  
Telephone: 617-292-5500  
Last EDR Contact: 12/21/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Semi-Annually

### MERCURY: Mercury Product Recycling Drop-Off Locations Listing

A listing of locations, collecting and recycling for mercury-added products. Mercury is toxic to the human nervous system, as well as fish and animals. Mercury can enter the body either through skin absorption or through inhalation of mercury vapors. At room temperature, small beads of mercury will vaporize.

Date of Government Version: 05/07/2018  
Date Data Arrived at EDR: 05/25/2018  
Date Made Active in Reports: 06/25/2018  
Number of Days to Update: 31

Source: Department of Environmental Protection  
Telephone: 617-292-5632  
Last EDR Contact: 11/15/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Varies

### NPDES: NPDES Permit Listing

Listing of treatment plants in Massachusetts that hold permits to discharge to groundwater.

Date of Government Version: 11/14/2018  
Date Data Arrived at EDR: 11/15/2018  
Date Made Active in Reports: 12/17/2018  
Number of Days to Update: 32

Source: Department of Environmental Protection  
Telephone: 508-767-2781  
Last EDR Contact: 11/08/2018  
Next Scheduled EDR Contact: 02/25/2019  
Data Release Frequency: Varies

### TIER 2: Tier 2 Information Listing

A listing of facilities which store or manufacture hazardous materials and submit a chemical inventory report



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 05/17/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 43

Source: Massachusetts Emergency Management Agency  
Telephone: 508-820-2019  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

### TSD: TSD Facility

List of Licensed Hazardous Waste Treatment, Storage Disposal Facilities (TSDFs) in Massachusetts.

Date of Government Version: 09/25/2018  
Date Data Arrived at EDR: 09/27/2018  
Date Made Active in Reports: 10/26/2018  
Number of Days to Update: 29

Source: Department of Environmental Protection  
Telephone: 617-292-5580  
Last EDR Contact: 12/20/2018  
Next Scheduled EDR Contact: 04/08/2019  
Data Release Frequency: Varies

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

##### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

##### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

##### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **EDR RECOVERED GOVERNMENT ARCHIVES**

#### ***Exclusive Recovered Govt. Archives***

##### **RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List**

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

##### **RGA LUST: Recovered Government Archive Leaking Underground Storage Tank**

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Protection in Massachusetts.

Date of Government Version: N/A  
Date Data Arrived at EDR: 07/01/2013  
Date Made Active in Reports: 12/24/2013  
Number of Days to Update: 176

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 06/01/2012  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

### **OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

##### **CT MANIFEST: Hazardous Waste Manifest Data**

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/12/2018  
Date Data Arrived at EDR: 11/14/2018  
Date Made Active in Reports: 12/04/2018  
Number of Days to Update: 20

Source: Department of Energy & Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 11/14/2018  
Next Scheduled EDR Contact: 02/25/2019  
Data Release Frequency: No Update Planned

##### **NJ MANIFEST: Manifest Information**

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 07/13/2018  
Date Made Active in Reports: 08/01/2018  
Number of Days to Update: 19

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/07/2019  
Next Scheduled EDR Contact: 04/22/2019  
Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/01/2018  
Date Data Arrived at EDR: 10/31/2018  
Date Made Active in Reports: 12/20/2018  
Number of Days to Update: 50

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 10/31/2018  
Next Scheduled EDR Contact: 02/11/2019  
Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 10/23/2018  
Date Made Active in Reports: 11/27/2018  
Number of Days to Update: 35

Source: Department of Environmental Protection  
Telephone: 717-783-8990  
Last EDR Contact: 01/11/2019  
Next Scheduled EDR Contact: 04/29/2019  
Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 02/23/2018  
Date Made Active in Reports: 04/09/2018  
Number of Days to Update: 45

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 11/16/2018  
Next Scheduled EDR Contact: 03/04/2019  
Data Release Frequency: Annually

### VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 11/07/2018  
Date Data Arrived at EDR: 11/08/2018  
Date Made Active in Reports: 12/28/2018  
Number of Days to Update: 50

Source: Department of Environmental Conservation  
Telephone: 802-241-3443  
Last EDR Contact: 10/15/2018  
Next Scheduled EDR Contact: 01/28/2019  
Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 07/09/2018  
Number of Days to Update: 24

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 12/07/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Annually

### Oil/Gas Pipelines

Source: PennWell Corporation

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **STREET AND ADDRESS INFORMATION**

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

105 SOUTH MAIN ST  
105 SOUTH MAIN ST  
MIDDLETON, MA 01949

### **TARGET PROPERTY COORDINATES**

Latitude (North):	42.587006 - 42° 35' 13.22"
Longitude (West):	71.015035 - 71° 0' 54.13"
Universal Transverse Mercator:	Zone 19
UTM X (Meters):	334654.6
UTM Y (Meters):	4716707.5
Elevation:	81 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5644832 READING, MA
Version Date:	2012
Southeast Map:	5642648 SALEM, MA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

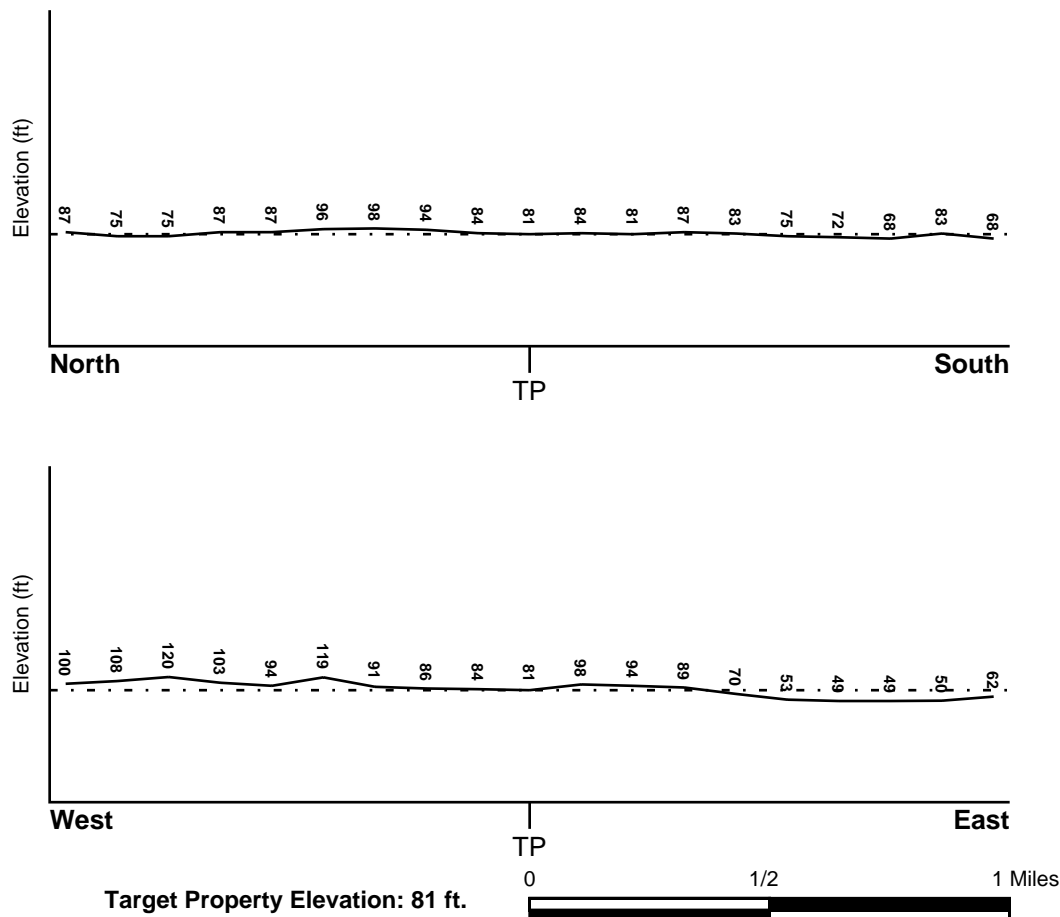
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### **FEMA FLOOD ZONE**

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
25009C0384F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
25009C0382F	FEMA FIRM Flood data
25009C0401F	FEMA FIRM Flood data
25009C0381F	FEMA FIRM Flood data
25009C0383F	FEMA FIRM Flood data
25009C0403F	FEMA FIRM Flood data

### **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
READING	YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **AQUIFLOW®**

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
5	1/2 - 1 Mile SE	NE
1G	1/2 - 1 Mile SE	NE

For additional site information, refer to Physical Setting Source Map Findings.

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### **GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY**

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era:	Paleozoic
System:	Ordovician
Series:	Ordovician volcanic rocks
Code:	Ov (decoded above as Era, System & Series)

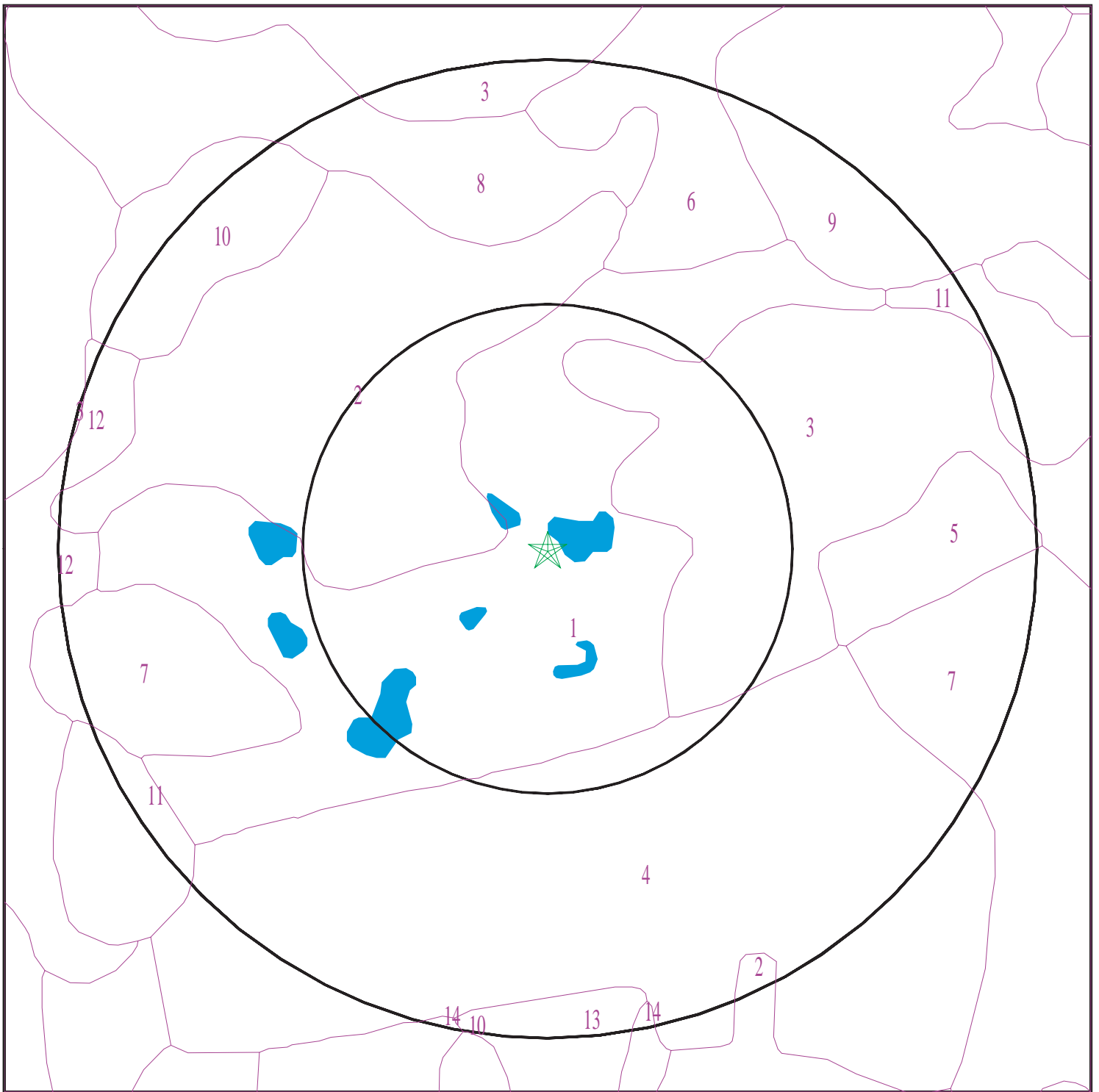
#### **GEOLOGIC AGE IDENTIFICATION**

Category: Volcanic Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



# SSURGO SOIL MAP - 5532837.2s



SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON MA 01949  
LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services  
CONTACT: Luke Fabbri  
INQUIRY #: 5532837.2s  
DATE: January 14, 2019 8:25 am

## **GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY**

### **DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY**

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

---

#### **Soil Map ID: 1**

Soil Component Name: Udorthents

Soil Surface Texture:  
Hydrologic Group: Not reported

Soil Drainage Class:  
Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

---

#### **Soil Map ID: 2**

Soil Component Name: Freetown

Soil Surface Texture: muck

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	muck	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: Min:
2	5 inches	59 inches	muck	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: Min:

### Soil Map ID: 3

Soil Component Name: Canton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	7 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	27 inches	59 inches	gravelly loamy sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

### Soil Map ID: 4

Soil Component Name: Canton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	3 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	27 inches	59 inches	gravelly loamy sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

### Soil Map ID: 5

Soil Component Name: Urban land

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class:

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

### Soil Map ID: 6

Soil Component Name: Hinckley

Soil Surface Texture: gravelly fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	7 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 705 Min: 141.14	Max: 6 Min: 3.6
2	7 inches	16 inches	gravelly loamy sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 6 Min: 3.6
3	16 inches	59 inches	stratified cobbly coarse sand to very gravelly loamy fine sand	Not reported	Not reported	Max: 705 Min: 141.14	Max: 6 Min: 3.6

### Soil Map ID: 7

Soil Component Name: Canton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	3 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	27 inches	59 inches	gravelly loamy sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

### Soil Map ID: 8

Soil Component Name: Merrimac

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	9 inches	14 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	14 inches	22 inches	gravelly sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
4	22 inches	59 inches	stratified very gravelly coarse sand to sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 9

Soil Component Name: Merrimac

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	9 inches	14 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	14 inches	22 inches	gravelly sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
4	22 inches	59 inches	stratified very gravelly coarse sand to sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

### Soil Map ID: 10

Soil Component Name: Walpole

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 15 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 7.3 Min: 4.5
2	9 inches	22 inches	sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 7.3 Min: 4.5
3	22 inches	59 inches	stratified gravelly coarse sand to loamy sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 7.3 Min: 4.5

### Soil Map ID: 11

Soil Component Name: Whitman

Soil Surface Texture: loam

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high water table, or are shallow to an impervious layer.

Soil Drainage Class: Very poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5
2	3 inches	14 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5
3	14 inches	22 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5
4	22 inches	59 inches	gravelly loamy sand	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### Soil Map ID: 12

Soil Component Name: Ridgebury

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 23 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	9 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5
2	9 inches	20 inches	gravelly sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5
3	20 inches	59 inches	gravelly sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6.5 Min: 4.5

### Soil Map ID: 13

Soil Component Name: Canton

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	3 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
2	3 inches	27 inches	fine sandy loam	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6
3	27 inches	59 inches	gravelly loamy sand	Not reported	Not reported	Max: 141.14 Min: 42.34	Max: 6 Min: 3.6

### Soil Map ID: 14

Soil Component Name: Woodbridge

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 69 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
2	5 inches	25 inches	fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5
3	25 inches	59 inches	gravelly fine sandy loam	Not reported	Not reported	Max: 1.41 Min: 0	Max: 6 Min: 4.5

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A6	USGS40000477829	1/2 - 1 Mile SW
A7	USGS40000477819	1/2 - 1 Mile SW

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

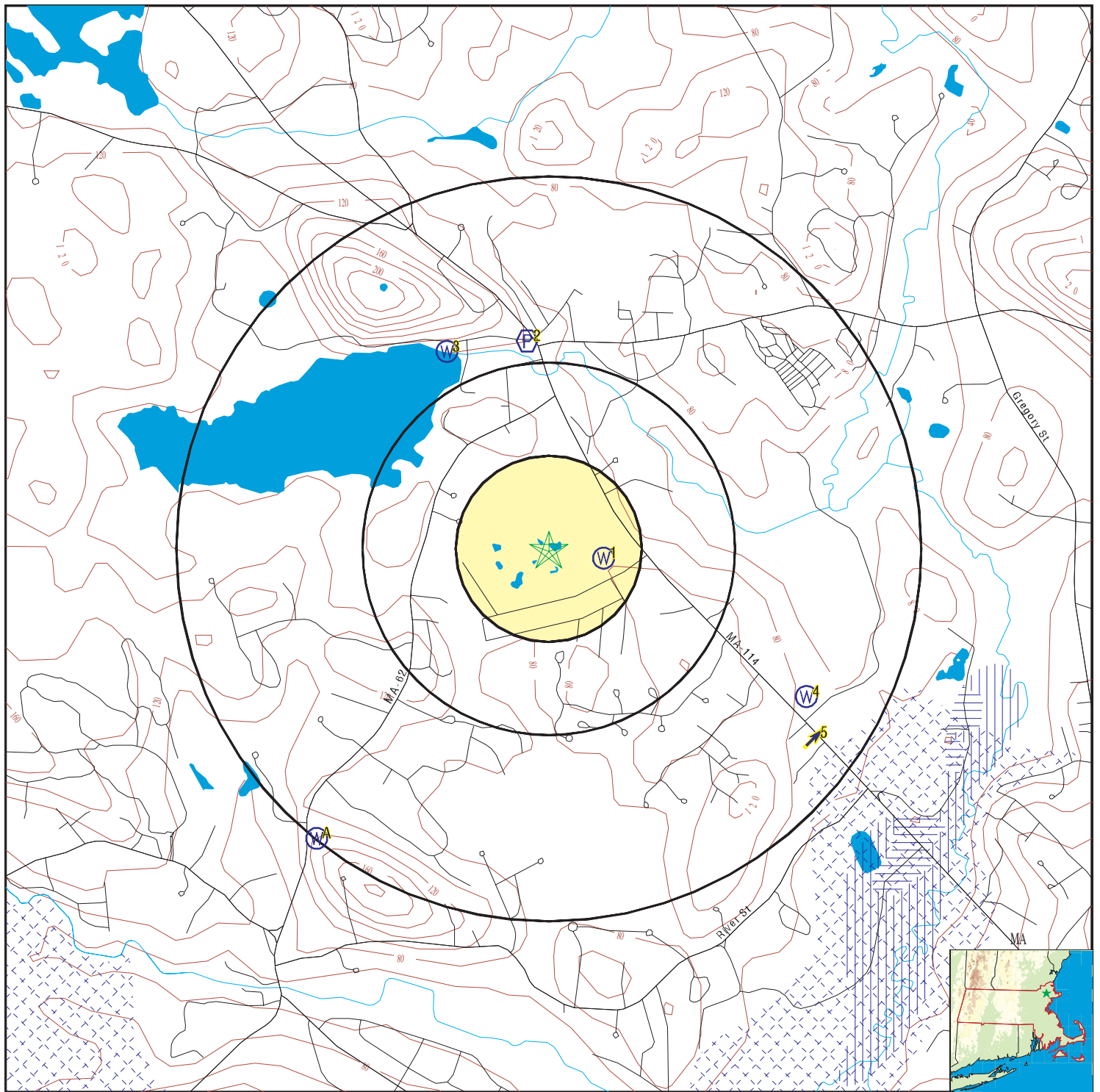
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	MA3184033	1/2 - 1 Mile North

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	MA9000000000175	1/8 - 1/4 Mile East
3	MA9000000001044	1/2 - 1 Mile NNW
4	MA9000000005352	1/2 - 1 Mile ESE

# PHYSICAL SETTING SOURCE MAP - 5532837.2s



- |  |  |                                     |
|--|--|-------------------------------------|
| County Boundary                            | Groundwater Flow Direction                 | Potentially Productive Aquifers     |
| Major Roads                                | Indeterminate Groundwater Flow at Location | Not Potentially Productive Aquifers |
| Contour Lines                              | Groundwater Flow Varies at Location        | DEP Approved Zone IIs               |
| Earthquake epicenter, Richter 5 or greater |  | EPA Designated Sole Src. Aq.        |
| Water Wells                                |  |                                     |
| Public Water Supply Wells                  |  |                                     |
| Cluster of Multiple Icons                  |  |                                     |

SITE NAME: 105 South Main St  
 ADDRESS: 105 South Main St  
 MIDDLETON MA 01949  
 LAT/LONG: 42.587006 / 71.015035

CLIENT: Geological Field Services  
 CONTACT: Luke Fabbri  
 INQUIRY #: 5532837.2s  
 DATE: January 14, 2019 8:25 am

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**

**East**  
**1/8 - 1/4 Mile**  
**Higher**

**MA WELLS MA9000000000175**

PWS ID: 3184004  
Type: Transient Non-Community  
SubBasin: IPSWICH

Site Name: MIDDLETON GOLF COURSE II, INC.  
Facility Name: Not Reported

Basemap: NA  
Feature Type: GW  
Primary Location Source: SV  
Tertiary Location Source: Not Reported

Accuracy Estimate (ft): 100  
Location Method: GP\_6  
Secondary Location Source: Not Reported

Source ID: 3184004-01G  
Source Name: MIDDLETON GOLF WELL  
Source Status: A  
Source Availability: ACTIVE

PWS Name: MIDDLETON GOLF COURSE II, INC.  
PWS Status: A  
PWS Class: NC

**2**

**North**  
**1/2 - 1 Mile**  
**Higher**

**FRDS PWS MA3184033**

Epa region: 01  
Pwsid: MA3184033  
Pwsname: DANVERS FISH & GAME CLUB (DUPLICATE)  
Cityserved: Not Reported  
Zipserved: Not Reported  
Status: Closed  
Pwssvconn: 1  
Pwstype: TNCWS  
Contact: DANVERS FISH & GAME CLUB (DUPLICATE)  
Contactorgname: Not Reported  
Contactaddress1: DUPLICATE FILE DELETE  
Contactcity: MIDDLETON  
Contactzip: 019490000

State: MA  
Stateserved: MA  
Fipscounty: 25009  
Retpopsrvd: 25  
Psource longname: Groundwater  
Owner: Private  
Contactphone: Not Reported  
Contactaddress2: Not Reported  
Contactstate: MA  
Pwsactivitycode: I

PWS ID: MA3184033  
PWS name: DANVERS FISH AND GAME CLUB  
PWS address: DUPLICATE FILE DELETE  
PWS state: MA  
PWS ID: MA3184033  
Date system activated: 9003  
Retail population: 00000025  
System address: DUPLICATE FILE DELETE  
System state: MA

PWS type: Mailing  
PWS city: MIDDLETON  
PWS zip: 019490000  
Activity status: Active  
Date system deactivated: Not Reported  
System name: DANVERS FISH AND GAME CLUB  
System city: MIDDLETON  
System zip: 019490000

County FIPS: Not Reported  
Population served: Under 101 Persons  
Latitude: 423542

City served: METHUEN  
Treatment: Untreated  
Longitude: 0710100

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**3**  
**NNW**  
**1/2 - 1 Mile**  
**Higher**

**MA WELLS MA9000000001044**

PWS ID: 3071000  
Type: Community Surface Water Source  
Facility Name: Not Reported

Site Name: MIDDLETON POND RES.  
SubBasin: IPSWICH

Basemap: NA  
Feature Type: SW  
Primary Location Source: SV  
Tertiary Location Source: Not Reported

Accuracy Estimate (ft): 100  
Location Method: GP\_6  
Secondary Location Source: Not Reported

Source ID: 3071000-01S  
Source Name: MIDDLETON POND RES.  
Source Status: A  
Source Availability: ACTIVE

PWS Name: DANVERS WATER DEPT.  
PWS Status: A  
PWS Class: COM

**4**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**MA WELLS MA9000000005352**

PWS ID: Not Reported  
Type: Not Reported  
SubBasin: IPSWICH

Site Name: Not Reported  
Facility Name: MIDDLETON AEROSPACE CORPORATION

Basemap: DOQ  
Feature Type: CS  
Primary Location Source: MS\_SITE  
Tertiary Location Source: Not Reported  
Date Mapped: Not Reported

Accuracy Estimate (ft): 100  
Location Method: MAP  
Secondary Location Source: Not Reported  
UST ID: 0

**5**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

Site ID: 3-0001505  
Groundwater Flow: NE  
Water Table Depth: Not Reported  
Date: 09/15/1989

**AQUIFLOW 2589**

**A6**  
**SW**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS USGS40000477829**

Organization ID: USGS-MA  
Organization Name: USGS Massachusetts Water Science Center  
Monitor Location: MA-MVW 3  
Description: Not Reported  
Drainage Area: Not Reported  
Contrib Drainage Area: Not Reported  
Aquifer: Not Reported  
Aquifer Type: Not Reported

Type: Well  
HUC: 01090001  
Drainage Area Units: Not Reported  
Contrib Drainage Area Units: Not Reported  
Formation Type: Not Reported  
Construction Date: Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Depth:	132	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

**A7  
SW  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000477819**

Organization ID:	USGS-MA		
Organization Name:	USGS Massachusetts Water Science Center		
Monitor Location:	490	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Mixed (confined and unconfined multiple aquifers)		
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**1G  
SE  
1/2 - 1 Mile  
Lower**

Site ID:	3-0001505
Groundwater Flow:	NE
Water Table Depth:	Not Reported
Date:	09/15/1989

**AQUIFLOW 2589**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: MA Radon

#### Radon Test Results

County	% of sites > 4 pCi/L	Median
ESSEX	36	2.8

Federal EPA Radon Zone for ESSEX County: 1

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 01949

Number of sites tested: 2

Area	Average Activity	% < 4 pCi/L	% 4-20 pCi/L	% > 20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.150 pCi/L	50%	50%	0%



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## **TOPOGRAPHIC INFORMATION**

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## **HYDROLOGIC INFORMATION**

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: MassDEP

Telephone: 617-292-5907

## **HYDROGEOLOGIC INFORMATION**

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## **GEOLOGIC INFORMATION**

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Massachusetts Geographic Information System (MassGIS) Datalayers

Source: Executive Office of Environmental Affairs

Telephone:

#### Public Water Supply Database

Telephone:

The Public Water Supply datalayer contains the locations of public community surface and groundwater supply sources and public non-community supply sources as defined in 310 CMR 22.00.

#### Areas of Critical Environmental Concern

Telephone:

The Areas of Critical Environmental Concern (ACEC) datalayer shows the location of areas that have been designated ACECs by the Secretary of Environmental Affairs. ACEC designation requires greater environmental review of certain kinds of proposed development under state jurisdiction within the ACEC boundaries. The ACEC Program is administered by the Department of Environmental Management (DEM) on behalf of the Secretary of Environmental Affairs. The Massachusetts Coastal Zone Management (MCZM) Office managed the original Coastal ACEC Program from 1978 to 1993, and continues to play a key role in monitoring coastal ACECs. Procedures for ACEC designation and the general policies governing the effects of designation are contained in the ACEC regulations (301 CMR 12.00). The ACEC datalayer has been compiled by MCZM and DEM and includes both coastal and inland areas.

#### EPA Designated Sole Source Aquifers

Telephone:

The Sole Source Aquifer datalayer was compiled by the Department of Environmental Protection (DEP) Division of Water Supply (DWS). Seven Sole Source Aquifers have been designated by the US Environmental Protection Agency (EPA) for Massachusetts. A Sole Source Aquifer (SSA) is an aquifer designated by US EPA as the sole or principal source of drinking water for a given aquifer service area; that is, an aquifer which is needed to supply 50% or more of the drinking water for that area and for which there are no reasonably available alternative sources should that aquifer become contaminated. The aquifers were defined by an EPA hydrogeologist.

#### Aquifers

Telephone:

MassGIS produced an aquifer datalayer composed of 20 individual panels, generally based on the boundaries of the major drainage basins. Areas of high and medium yield were mapped. This datalayer includes polygon attribute coding to help in the identification of areas in which cleanup of hazardous waste sites must meet drinking water standards, as defined in the Massachusetts Contingency Plan (MCP) (310 CMR 40.00000).

#### Non-Potential Drinking Water Source Areas

Telephone:

Non-Potential Drinking Water Source Areas (NPDWSA) are regulatory in nature representing one of many considerations used in determining the standards to which ground water must be cleaned in the event of a release of oil or hazardous material. NPDWSAs are not based on existing water quality and do not indicate poor ambient conditions.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## OTHER STATE DATABASE INFORMATION

### RADON

State Database: MA Radon

Source: Department of Health

Telephone: 413-586-7525

Radon Test Results

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRRA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656


Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## STREET AND ADDRESS INFORMATION

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105 South Main St  
105 South Main St  
MIDDLETON, MA 01949

Inquiry Number: 5532837.3

January 11, 2019

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## Certified Sanborn® Map Report

01/11/19

**Site Name:**

105 South Main St  
105 South Main St  
MIDDLETON, MA 01949  
EDR Inquiry # 5532837.3

**Client Name:**

Geological Field Services  
14 Hubon Street  
Salem, MA 01970  
Contact: Luke Fabbri



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Geological Field Services were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

### Certified Sanborn Results:

**Certification #** B366-4907-998B

**PO #** NA

**Project** NA

### UNMAPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: B366-4907-998B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☒ Library of Congress
- ☒ University Publications of America
- ☒ EDR Private Collection

*The Sanborn Library LLC Since 1866™*


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105 South Main St  
105 South Main St  
MIDDLETON, MA 01949

Inquiry Number: 5532837.4

January 11, 2019

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

01/11/19

**Site Name:**

105 South Main St  
105 South Main St  
MIDDLETON, MA 01949  
EDR Inquiry # 5532837.4

**Client Name:**

Geological Field Services  
14 Hubon Street  
Salem, MA 01970  
Contact: Luke Fabbri



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Geological Field Services were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

**Search Results:****Coordinates:**

**P.O.#** NA  
**Project:** NA

**Latitude:** 42.587006 42° 35' 13" North  
**Longitude:** -71.015035 -71° 0' 54" West  
**UTM Zone:** Zone 19 North  
**UTM X Meters:** 334659.17  
**UTM Y Meters:** 4716922.09  
**Elevation:** 83.71' above sea level

**Maps Provided:**

2012	1918, 1919
1985, 1987	1915
1979	1893
1966, 1970	1888
1951, 1956	
1947	
1944	
1943	

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## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 2012 Source Sheets



Salem  
2012  
7.5-minute, 24000

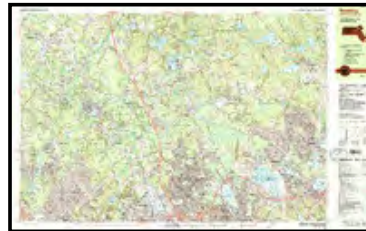


Reading  
2012  
7.5-minute, 24000

### 1985, 1987 Source Sheets



Salem  
1985  
7.5-minute, 25000  
Aerial Photo Revised 1978



Reading  
1987  
7.5-minute, 25000  
Aerial Photo Revised 1978

### 1979 Source Sheets

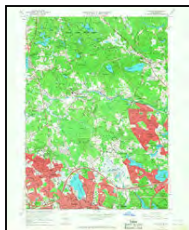


Reading  
1979  
7.5-minute, 25000  
Aerial Photo Revised 1977



Salem  
1979  
7.5-minute, 25000  
Aerial Photo Revised 1977

### 1966, 1970 Source Sheets



Reading  
1966  
7.5-minute, 24000  
Aerial Photo Revised 1939



Salem  
1970  
7.5-minute, 24000  
Aerial Photo Revised 1969



## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1951, 1956 Source Sheets**

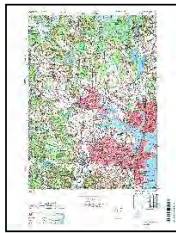


Reading  
1951  
7.5-minute, 24000

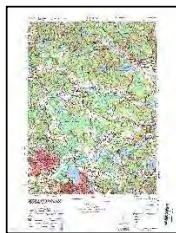


Salem  
1956  
7.5-minute, 24000

### **1947 Source Sheets**



SALEM  
1947  
7.5-minute, 25000

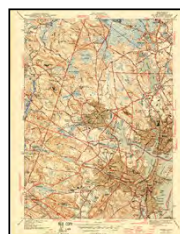


READING  
1947  
7.5-minute, 25000

### **1944 Source Sheets**



Reading  
1944  
7.5-minute, 31680



Salem  
1944  
7.5-minute, 31680

### **1943 Source Sheets**



Lowell  
1943  
30-minute, 125000



Cape Ann  
1943  
30-minute, 125000

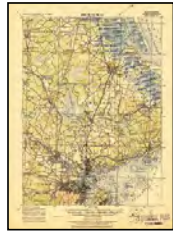
## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **1918, 1919 Source Sheets**



Lawrence  
1918  
15-minute, 62500



Salem  
1919  
15-minute, 62500

### **1915 Source Sheets**

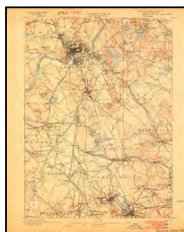


SALEM  
1915  
15-minute, 62500



LAWRENCE  
1915  
15-minute, 62500

### **1893 Source Sheets**

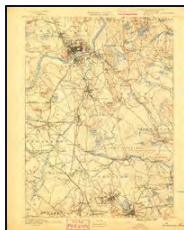


Lawrence  
1893  
15-minute, 62500



Salem  
1893  
15-minute, 62500

### **1888 Source Sheets**



Lawrence  
1888  
15-minute, 62500

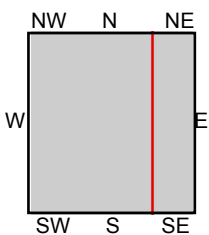


Salem  
1888  
15-minute, 62500





This report includes information from the following map sheet(s).



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SE, Salem, 2012, 7.5-minute

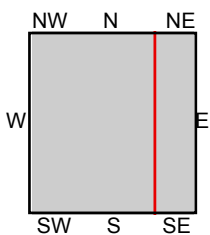
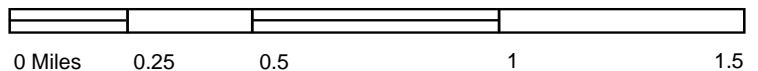
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).



TP, Reading, 1987, 7.5-minute  
E, Salem, 1985, 7.5-minute

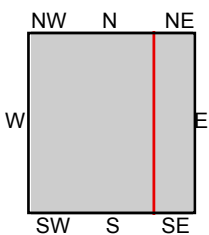
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ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).

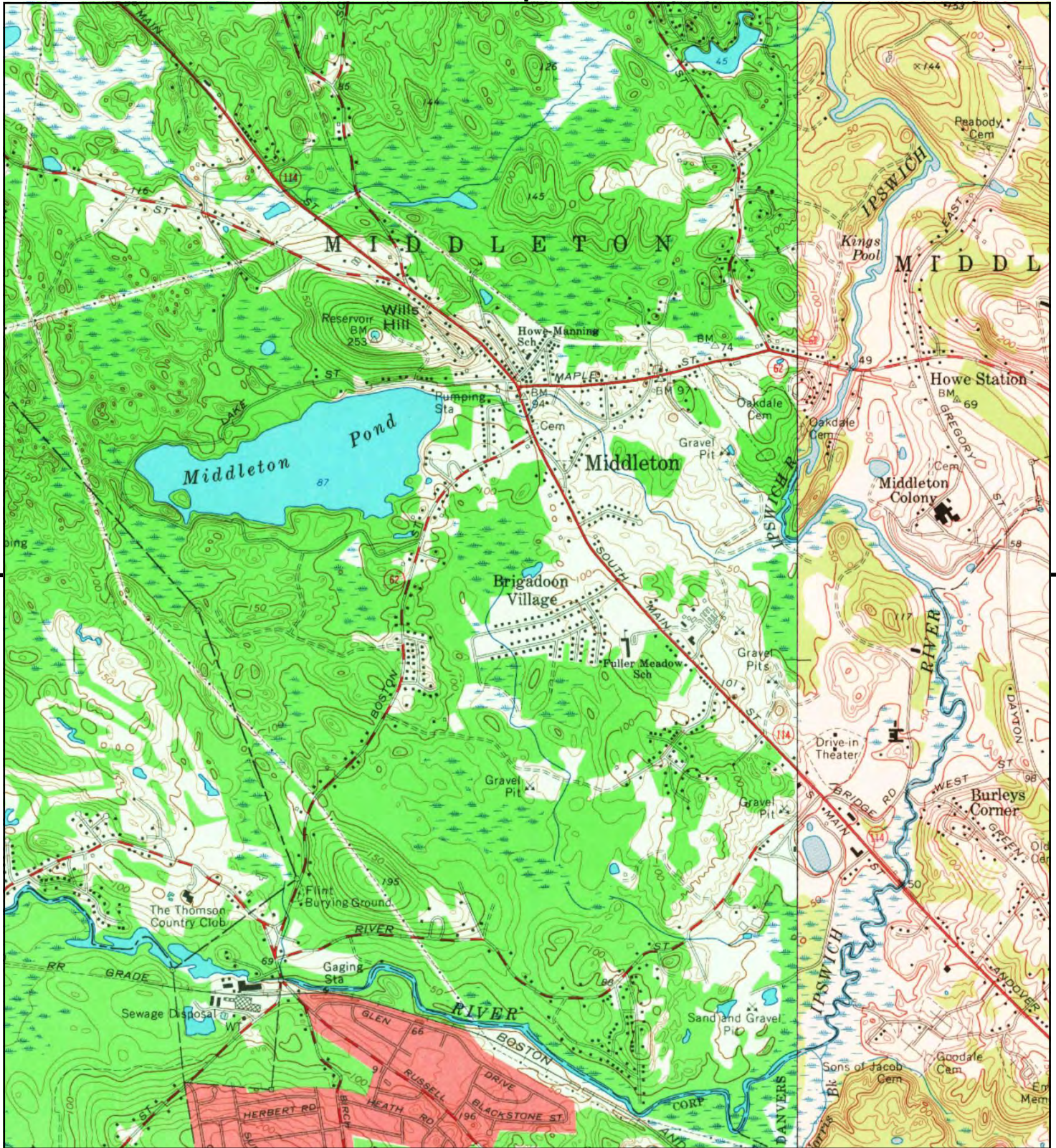


TP, Reading, 1979, 7.5-minute  
SE, Salem, 1979, 7.5-minute

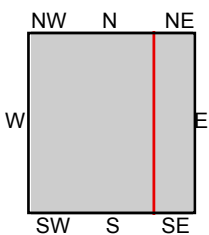
SITE NAME: 105 South Main St  
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This report includes information from the following map sheet(s).

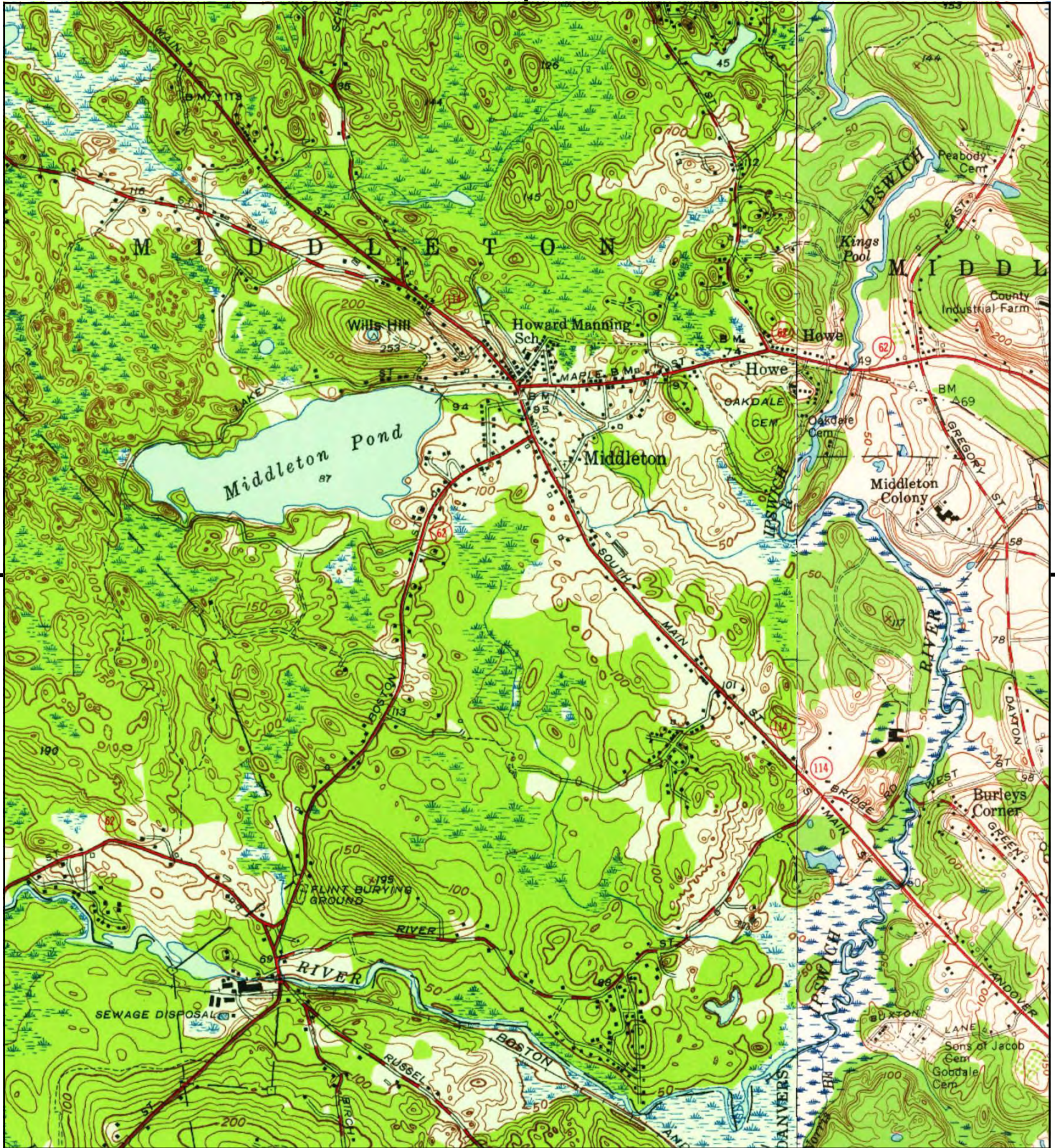


TP, Reading, 1966, 7.5-minute  
SE, Salem, 1970, 7.5-minute

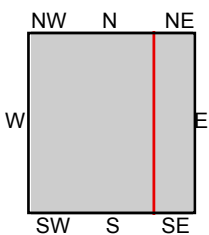
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).



TP, Reading, 1951, 7.5-minute  
SE, Salem, 1956, 7.5-minute

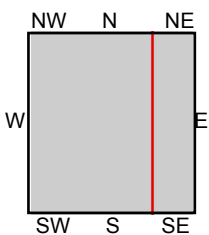
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).



TP, READING, 1947, 7.5-minute  
SE, SALEM, 1947, 7.5-minute

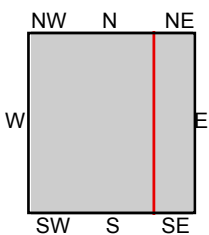
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).

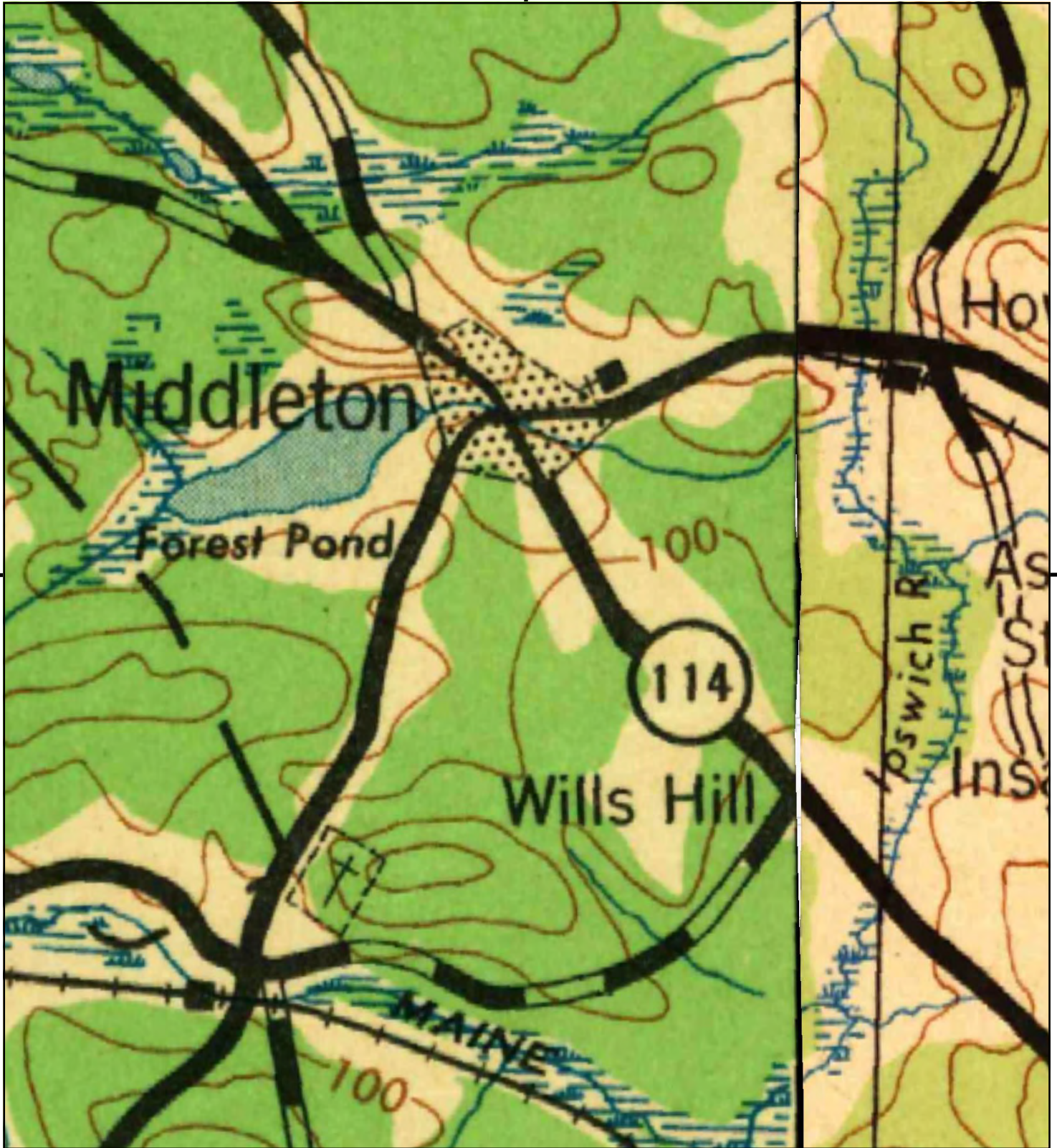


TP, Reading, 1944, 7.5-minute  
SE, Salem, 1944, 7.5-minute

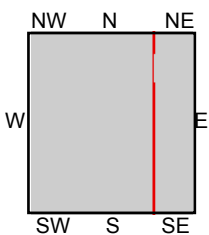
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).

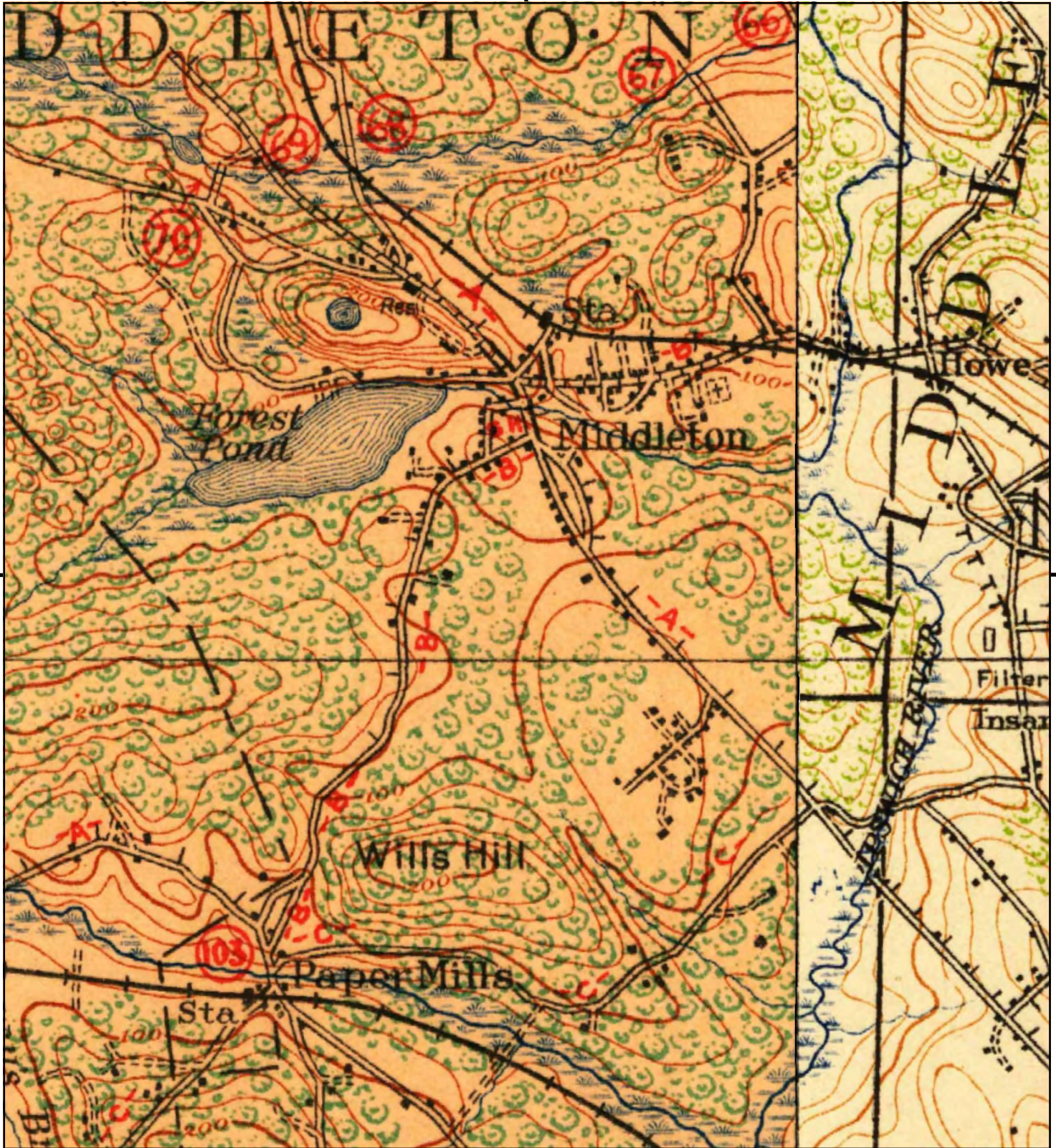


TP, Lowell, 1943, 30-minute  
NE, Cape Ann, 1943, 30-minute

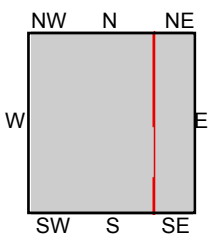
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ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







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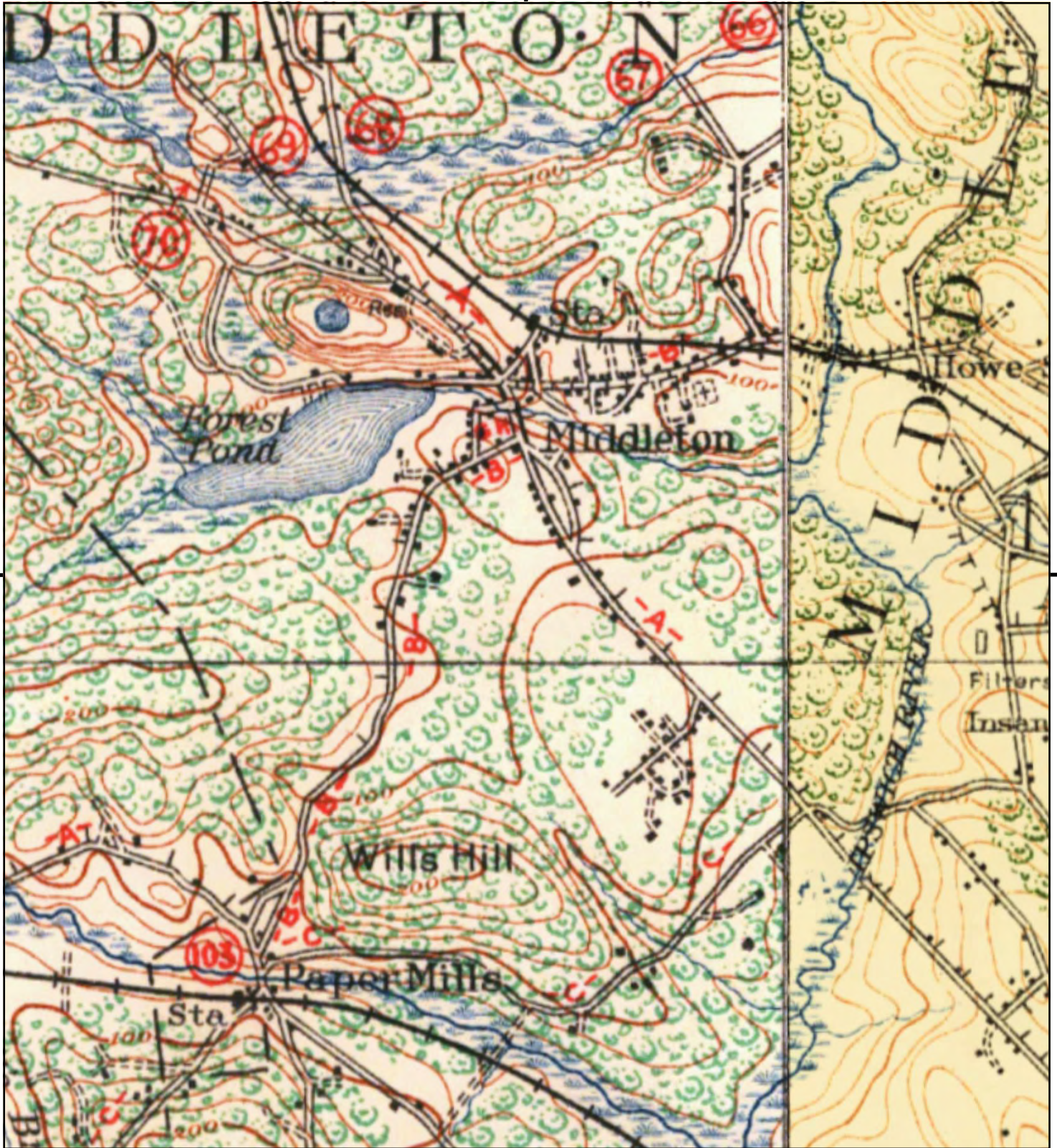


TP, Lawrence, 1918, 15-minute  
E, Salem, 1919, 15-minute

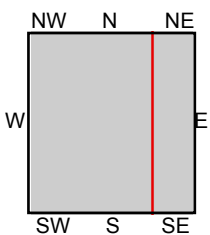
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ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).

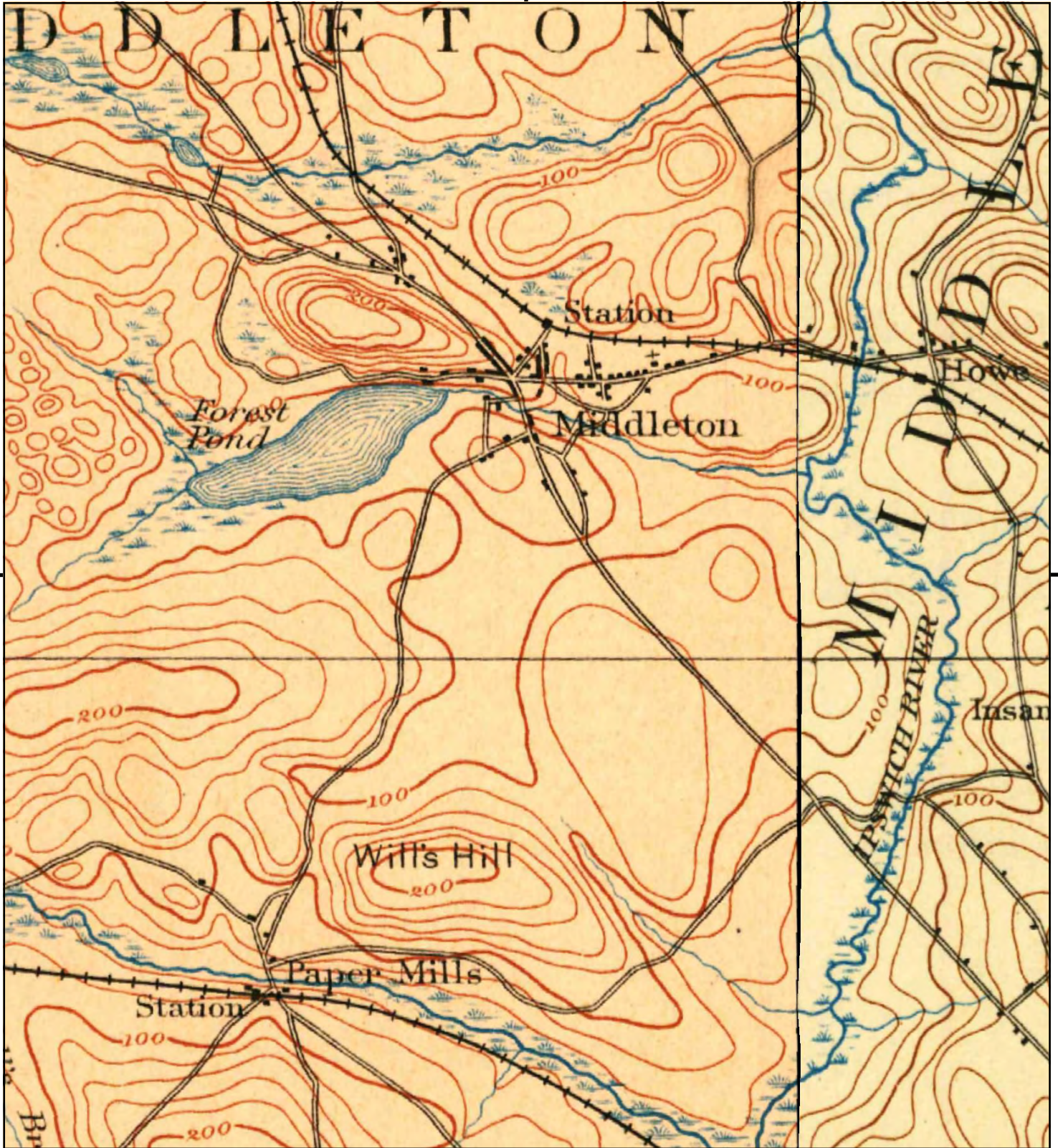


TP, LAWRENCE, 1915, 15-minute  
E, SALEM, 1915, 15-minute

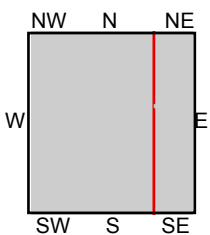
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).

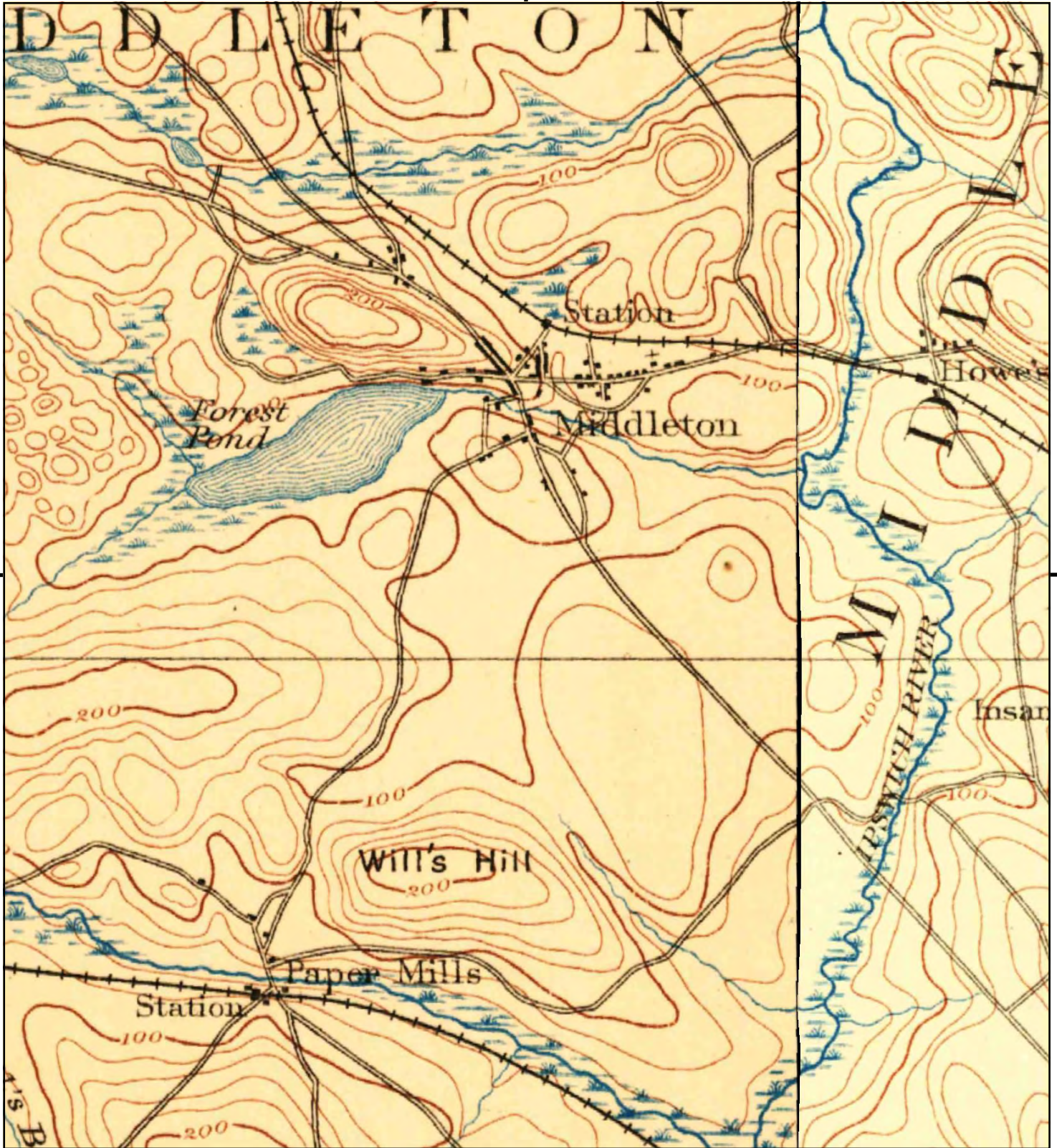


TP, Lawrence, 1893, 15-minute  
E, Salem, 1893, 15-minute

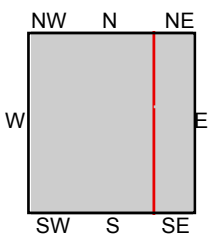
SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services







This report includes information from the following map sheet(s).



TP, Lawrence, 1888, 15-minute  
E, Salem, 1888, 15-minute

SITE NAME: 105 South Main St  
ADDRESS: 105 South Main St  
MIDDLETON, MA 01949  
CLIENT: Geological Field Services





**105 South Main St**

105 South Main St

MIDDLETON, MA 01949

Inquiry Number: 5532837.8

January 14, 2019

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## EDR Aerial Photo Decade Package

01/14/19

**Site Name:**

105 South Main St  
105 South Main St  
MIDDLETON, MA 01949  
EDR Inquiry # 5532837.8

**Client Name:**

Geological Field Services  
14 Hubon Street  
Salem, MA 01970  
Contact: Luke Fabbri



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2008	1"=500'	Flight Year: 2008	USDA/NAIP
1995	1"=500'	Acquisition Date: April 03, 1995	USGS/DOQQ
1985	1"=500'	Flight Date: April 17, 1985	USDA
1980	1"=750'	Flight Date: September 28, 1980	USDA
1978	1"=500'	Flight Date: April 23, 1978	USGS
1969	1"=500'	Flight Date: April 09, 1969	USGS
1965	1"=500'	Flight Date: April 06, 1965	USGS
1955	1"=500'	Flight Date: December 05, 1955	USGS
1952	1"=500'	Flight Date: October 31, 1952	USDA
1938	1"=500'	Flight Date: November 10, 1938	USGS

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INQUIRY #: 5532837.8

YEAR: 2016

— = 500'







INQUIRY #: 5532837.8

YEAR: 2012

— = 500'







INQUIRY #: 5532837.8

YEAR: 2008

— = 500'







INQUIRY #: 5532837.8

YEAR: 1995

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.





INQUIRY #: 5532837.8

YEAR: 1985

500'







INQUIRY #: 5532837.8

YEAR: 1980

— = 750'







INQUIRY #: 5532837.8

YEAR: 1978

— = 500'







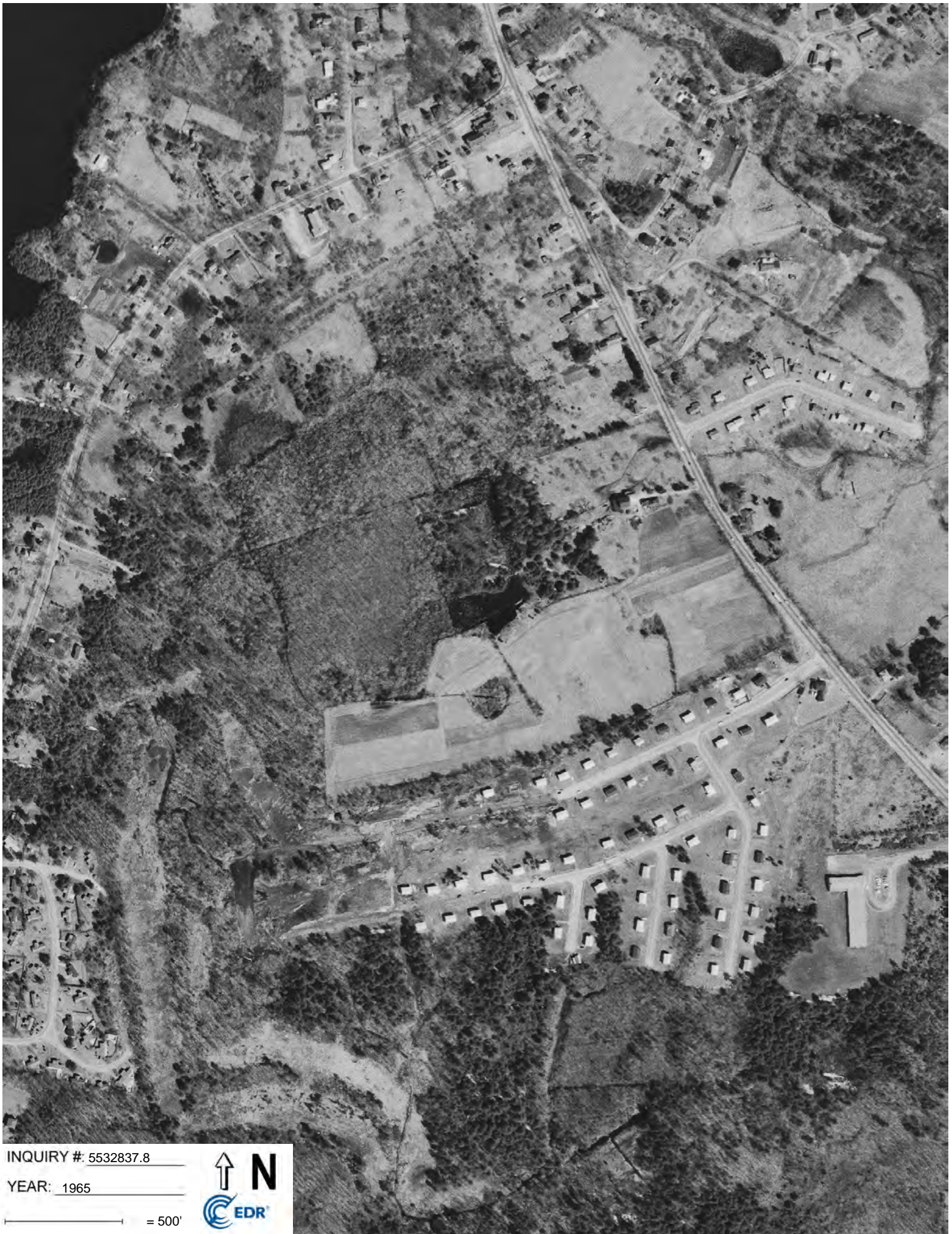
INQUIRY #: 5532837.8

YEAR: 1969

— = 500'







INQUIRY #: 5532837.8

YEAR: 1965

— = 500'







INQUIRY #: 5532837.8

YEAR: 1955

— = 500'







INQUIRY #: 5532837.8

YEAR: 1952

— = 500'







INQUIRY #: 5532837.8

YEAR: 1938

— = 500'





**105 South Main St**

105 South Main St  
MIDDLETON, MA 01949

Inquiry Number: 5532837.5  
January 15, 2019

## The EDR-City Directory Image Report

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

***Thank you for your business.***

Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

*infoUSA*<sup>®</sup>

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input type="checkbox"/>	EDR Digital Archive
1989	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1985	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory
1973	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cole Criss-Cross Directory

## FINDINGS

### TARGET PROPERTY STREET

105 South Main St  
MIDDLETON, MA 01949

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

### S MAIN ST

2014	pg A1	EDR Digital Archive
2010	pg A2	EDR Digital Archive
2005	pg A3	EDR Digital Archive
2000	pg A4	EDR Digital Archive
1995	pg A5	EDR Digital Archive
1992	pg A6	EDR Digital Archive
1989	pg A7	Cole Criss-Cross Directory
1985	pg A8	Cole Criss-Cross Directory
1973	pg A9	Cole Criss-Cross Directory

## FINDINGS

### CROSS STREETS

No Cross Streets Identified



## **City Directory Images**

## S MAIN ST

2014

50	WHITMORE, BLANCHE E
61	MCARDLE, CHARLES J
67	HAYWARD, KEVIN P
69	DIMAURO CHIROPRACTIC
77	OCCUPANT UNKNOWN,
83	BROWN, FRANK B
92	PLATINUM ELEMENTS INC
93	FRANK, B W
94	EDWARD D JONES & CO LP
	KARRIS CHARLES
95	CURRIER, DENNIS
98	JULIES ADVANCED SKIN CARE DAY
100	ALDER PARTNER LLC
	KELLY, WARREN D
	LINN PROPERTY LLC
	MARGUERITE J ABIZAID MSW
	MIDDLETON DENTAL CARE
	NRH HOLDINGS
	PF JONESBORO LLC
	PLATINUM FITNESS INC
	THOMSON COMMUNICATIONS LLC
	UNLIMITED PROMOTIONS INC
	VERNON PROMOTIONS
104	SALEM FIVE CENTS SAVINGS BANK
105	MIDDLETON GOLF COURSE II INC
106	HOBBS PLACE
	MASON & MADISON CO
108	BODYCO TRAINING FACILITY LLC
	FIRM TRAINING STUDIO LLC
	INVIGOR8 NRMSCULAR THERAPY LLC
	NEW ENGLAND FINE LIVING
119	BEBRIN WILLIAM ORTHODONTIST
	ROCKS TAVERN INC
	SOL BEAN CAFE
122	ARIZZI CHIROPRACTIC OFFICE

## S MAIN ST

2010

50	WHITMORE, BLANCHE E
61	MCARDLE, CHARLES J
62	GLASS, STEVEN M
63	CLINCH, CHARLES S
67	HAYWARD, KEVIN P
69	DIMAURO CHIROPRACTIC
75	ELANAS SKIN CARE
77	MCAULEY, JOHN R
	WESEMANN, FRED E
79	PARKER, LAWRENCE A
84	SANCHEZ, HENRY A
92	ELEMENTS THERAPEUTIC MASS
94	EDWARD D JONES & CO LP
	KARRIS CHARLES
95	CURRIER, DENNIS
96	JJS HAUTE CHOCOLAT
98	JULIES ADVANCED SKIN CARE DAY
100	INFINIMED
	LINN PROPERTY LLC
	MIDDLETON DENTAL CARE
	NRH HOLDINGS
	NRHS INC
	PLATINUM FITNESS INC
	T COMMUNICATIONS
	UNLIMITED PROMOTIONS INC
	ZIPFIT FRANCHISE GROUP
102	PERFECT IMAGE PHOTOGRAPHY
104	SALEM FIVE CENTS SAVINGS BANK
105	MIDDLETON GOLF COURSE II INC
106	HOBBS PLACE
108	BODYCO TRAINING FACILITY LLC
	FIRM TRAINING STUDIO LLC
	NEW ENGLAND FINE LIVING
119	BEBRIN WILLIAM DMD
	BEBRIN, WILLIAM
122	ARIZZI CHIROPRACTIC OFFICE

## S MAIN ST

2005

50	WHITMORE, BLANCHE E
63	CLINCH, CHUCK S
67	HAYWARD, BJ J
68	MCARDLE, CHARLES J
69	MIDDLETON CHIROPRACTIC
75	ELANAS SKIN CARE
77	MCAULEY, JOHN R
	WESEMANN, FRDERICK E
78	KRULL, ROBERT W
79	TRICCA, PHILLIP B
84	GARNHAM, JAMES M
	SANCHEZ, HENRY A
93	JOHNSON, PETER
100	HOBS PLACE
	MURPHY, J
119	FRESH GRIND ESPRESSO CAFE
	GAVENS
120	SURGICAL TABLES INC
122	KESSLER JONATHAN P LICSW
	KESSLER, JONATHAN

## S MAIN ST

2000

50	WHITMORE, BENJ
63	CLINCH, CHARLES S
67	HAYWARD, W R
68	MCARDLE, CHARLES J
69	MIDDLETON CHIROPRACTIC
75	KIRWAN, T
	LEE, DONALD J
	STANTON, ELLEN
77	LEMIEUX, SADIE
	MCAULEY, JOHN E
	RILEY, RICHARD M
79	TRICCA, J
83	GOWEN, M L
84	GARNHAM, MARSHA
93	JOHNSON, PETER
100	ANDERSON CHRISTAIN PHOTOGRAPHY
	ANDERSON, C
	FOSTER, SHARON
105	MIDDLETON GOLF COURSE II INC
122	PELLEGRINO, MICHAEL K



## S MAIN ST

1995

44	MICHALSKI, EDW
50	WHITMORE, BENJ F
63	CLINCH, CHAS S, JR
67	HAYWARD, W R & B J
68	MCARDLE, CHAS J
69	AUGE, JAS & PATRICIA
75	DALE, DAVID & MARIA
	KIRWAN, T
77	LEMIEUX, SADIE
	MCAULEY, JOHN E & YVONNE
78	HURD, ROBT
79	TRICCA, STEVEN A & JANET B
83	GOWEN, ROBT G
84	GARNHAM, MARSHA
93	JOHNSON, PETER
100	DANIELS, WM A
	DONNELLY, CHAS H
	RUEGER, DAVID
119	119 SOUTH MAIN ST REALTY

## S MAIN ST

1992

44	MICHALSKI, EDW
50	WHITMORE, BENJ F
63	CLINCH, CHAS S, JR
67	HAYWARD, W R & B J
68	MCARDLE, CHAS J
69	AUGE, JAS & PATRICIA
75	DALE, DAVID & MARIA
	KIRWAN, T
77	LEMIEUX, SADIE
	MCAULEY, JOHN E & YVONNE
78	HURD, ROBT
79	TRICCA, STEVEN A & JANET B
83	GOWEN, ROBT G
84	GARNHAM, MARSHA
93	JOHNSON, PETER
100	ALLEN, JOHN
	DANIELS, WM A
	DONNELLY, CHAS H
	SHERMAN, A M
122	NORTHEAST INSPECTION SERVICE
	RALSTON, WALLACE C, JR

## S MAIN ST

1989

LE'S		PAGE 123	
39★	US Post Office	774-1808	
40	John M Cryan	63 774-4962	
42	Phyllis Devaney	76 774-7831	
44	Edward Michalski	80 777-3860	
49	James Stephen	86 774-8893	
50	Benj F Whitmore	64 774-9180	
63	Chas S Clinch Jr	- 774-3974	
67	W R Hayward	85 774-5154	
69	James Auge	80 777-1849	
75	David Dale	84 777-6556	
	T Kirwan	84 777-2635	
	★ SMR Evaluations	84 774-1852	
77	Sadie Lemieux	84 774-1482	
	John E McAuley	- 777-2642	
78	Robert Hurd	63 774-4577	
79	Steven A Tricca	- 777-1375	
83	Robert G Gowen	63 774-4170	
84	Joanne M Garnham	87 774-7290	
	Marsha Garnham	87 777-2710	
93	Peter Johnson	64 774-1073	
100	John Allen	777-1151	
	William A Daniels	79 774-1305	
	A M Sherman	777-1151	
	B M Wood	79 774-7818	
119★	Daniel Flr Hse	74 774-4236	
122	Wallace C Ralston	86 777-8074	
	Wallace C Ralston	86 777-8152	
132		NP	
143★	St Soc Ser Reg	- 777-4420	
146★	Antech Pool Supply	774-8400	
148★	Garden Cty Sht Mtl	85 777-6182	
	★ Richdale Dairy Str	774-9732	
149		NP	
150★	Walrus Cleaners	87 774-1134	
151	William Mugford	79 774-0262	
152★	Yankee Gas&Oil Co	85 774-1621	
	★ Yankee Gas&Oil Co	85 774-2760	
156★	Kitchen Window	80 774-6865	
	★ Richardson Dairies	774-5450	
	★ Ronco Machine	82 777-4342	
	★ Tren Engrng Corp	774-3557	
REAR★	Cunningham Engrg	81 774-4169	
161★	Amer Sweeping Co	777-5770	
	★ Counterproducts	777-9898	
	★ Draft-Tek	87 777-8388	
	★ S Gilfillen Archtc	777-7978	
	★ Health Care Rsrc	774-2101	
	★ Hooven Metal Treat	83 774-5852	
	★ Northwood Leasing	87 774-8080	
	★ Prescription Turf	- 777-1663	
	★ Prscrptn Turf Svc	- 777-5718	
	★ Resource Connctn	777-9333	
	★ Wakefld Svngs Bank	87 774-8422	
	★ Wayside Cmptmnts	774-2150	
165	Frank R Twiss	63 774-5839	
166		NP	
169	T P Chouinard	86 777-8215	
	David J Lemieux	74 774-2592	
170		NP	
171	Stephen Morris	86 774-0546	
177		NP	
179	Alfred L Digiacomio	63 777-0796	
181	Manuel J Sabino	63 774-9655	
185	L M Hinson	- 777-9478	
189	Gene Ragosta	84 777-3379	
191★	Modern Millworks	84 774-4966	
	★ Modern Millwork	84 233-4191	
194★	Everett Pattern	85 777-4575	
205★	Jemp Marc Lawn	777-0899	
	★ Jemp Marc Security	76 777-0899	
206★	Aster Engineering	80 592-0910	
211★	Amer Mechanical	777-8687	
	★ 114 Supply	777-8688	
212★	Columbia Equipment	83 774-8674	
	★ US Made Co	87 777-8383	
	★ Woodmate Inc	84 774-8497	

## S MAIN ST 1985

● MAIN ST S		01949
Begins Central Sq		
Stops Danvers Line		
Middleton		
025460		
1	L M Gianni	79 777-0287
20	★ Middleton Hsg Athry	774-4333
21	★ Middletn Btld Lq	777-4433
30	Carl Hero	82 774-8503
	J Muzichuk	777-3867
	Carolyn J Terry	77 774-0458
32	Mrs B L Morin	63 774-5454
	D W Smith	774-3138
39	★ Arlington Trst Co	774-1601
40	John M Cryan	63 774-4962
42	Phyllis Devaney	76 774-7831
44	Edward Michalski	80 777-3860
50	Benj F Whitmore	64 774-9180
63	C S Clinch Jr	63 774-3974
67	N A Hayward Jr	63 774-5154
69	James Auge	80 777-1849
75	David Dale	777-6556
	T Kirwan	777-2635
	★ Smr Evaluations	774-1852
77	Sadie Lemieux	774-1482
	John E McAuley	777-2642
78	Robert Hurd	63 774-4577
79	Frank B W Brown	76 774-3608
83	Robert G Gowen	63 774-4170
84	James M Garnham	75 777-2710
93	Peter Johnson	64 774-1073
100	William A Daniels	79 774-1305
	C J Kearley	82 777-5054
	B M Wood	79 774-7818
	E L Woods Jr	82 777-5054
122	H M Richardson	63 774-5776
132	V Prince	774-3425
146	★ Antech Pool Supply	774-8400
148	★ Richdale Dairy Str	774-9732
149	H E James	80 774-7287
151	William Mugford	79 774-0262
152	★ Tilton Co	777-0513
	★ Yankee Btl Gas Svc	774-2760
	★ The Yankee System	774-1621
	★ The Yankee System	774-2760
	★ Yankee Btld Gas	774-2760
156	★ Andon Machine Work	774-3557
	★ Cunningham Engrg	774-4169
	★ Richardson Dairies	774-5450
	★ Ronco Machine	777-4342
161	★ Brookside Dvlpmnt	777-5770
	★ Hooven Metal Treat	774-5852
	★ J&K Municipal Sr	774-6682
165	Frank R Twiss	63 774-5839
166	James E Lobb	83 777-5195
169	Thomas Giolito	81 774-4812
	David J Lemieux	74 774-2592
	C Lewis	777-6441
170	Stephen Lobb	83 777-5827
177	Roland A Lemieux	75 774-5388
179	Alfred L Digiacomio	63 777-0796
181	Manuel J Sabino	63 774-9655
185	Lennart Wennerberg	64 774-1570
189	Gene Ragosta	777-3379
191	★ Constructn Classic	774-3248
	★ Constructn Classic	233-5756
	★ Modern Millwork	233-4191
	★ Modern Millworks	774-4966
205	★ Jemp Marc Lawn	777-0899
	★ Jemp Marc Security	777-0899
206	★ Aster Engineering	592-0910
207	★ IDM Consultants	774-5711
	W A Lancaster	76 777-2059
212	★ Alzmann Assocs	774-4076
	★ Assoc Tech Svc	774-6556
	★ Columbia Equipment	774-8674
	★ D M Semiconductors	777-5300
	★ Woodmate Inc	774-8497
219	★ J Farmer & Co Inc	774-2933
	★ Prescription Turf	777-1663
	W C Rundlett Jr	83 774-4992
	W C Rundlett III	72 774-9298
221	★ Allstate Insurance	777-3705
	★ Allstate Ins Co	531-1400
	★ Dr Jeff Bauer	774-6642
	★ No Shore Dental	774-6642
	★ Pepperidge Farm	774-6360
226	★ Middleton Hs of Pz	777-4777
233	★ Daileys Rest & Pub	774-7076
234	★ Douglas Motors Inc	777-3228
	★ Jartran Truck Rent	777-3228



## S MAIN ST 1973

60 RESIDENCE	31 BUSINESS
MAIN ST S	MIDDLTN
.....	.....
.....	01949
2 GEORGE C BISHOP	2 7746756
3 EDWARD J BESSOM	□7743268
20*MIDDLETN HSNQ ATHR	7744333
21*MIDDLETON SQ PCKGE	7742587
29*EDS SUNOCO SERVICE	7749747
30 CHARLES C FARRELLO	7747089
WM L KEATING JR	0 7749476
32 MRS B L MORIN	7745454
D W SMITH	7743138
39*ARLINGTON TRUST	7741601
40 JOHN M CRYAN	7744962
44 JOHN C WALMER	2 7749227
50 BENJ F WHITMORE	7749180
53	NP
62 LLOYD W JEWETT JR1	7770234
63 CHAS S CLINCH JR	7743974
67 N A HAYWARD JR	7745154
69 IRVING G ADAMS	7740197
75 ROBERT AUSTIN	-7748853
78 ROBERT HURD	7744577
83 FRANK B W BROWN	0 7743608
ROBERT G GOWEN	7744170
84 WILFRED P LEVESQUE	9 7748573
85	NP
93 PETER JOHNSON	7741073
100 WILLIAM R BLAIR	1 7747219
LOUIS R DOYLE	7749019
SHERMAN R HALLADAY	2 7740476
P Y RENAUD	2 7743117
119*DANIEL RESTAURANT	7744236
122 H M RICHARDSON	7745776
132 MICHAEL R KILROY	2 7747543
145	NP
148*ANTECH POOL SUPPLY	7748400
*RT 114 SUPER MKT	□7745015
149 DOROTHY M MUGFORD	7745996
150*CLEN N WASH CENTER	7749741
152*YANKEE GAS SERV	7742760
*YANKEE HTG&OIL CO	7741621
156*RICHARDSON DAIRIES	7745450
*W A TOMPKINS CO IN	7744106
*WATCO	7744106
157	NP
161 ARLAND B JAMES	□7741101
163 RICHARD J WHITE	7745894
164	NP
165 FRANK R TWISS	7745839
166 DANIEL F HAMILTON	□7740856
169 ROLAND A LEMIEUX	□7771340
170 EMILY SYLVESTER	2 7744563



## **APPENDIX D**

PWS ID	PWS Name	Town	Class	Contaminant Group	Chemical Name	Collected Date	Raw or Finished	Result	Location Name	Method	Detection Limit
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	08/31/1993	F	0.04	MIDDLETON GOLF WELL	353.3	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	VOC	1,1-DICHLOROETHANE	08/31/1993	F	3.6	MIDDLETON GOLF WELL	EPA 524.2	0.50000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	INORG	SODIUM	08/31/1993	F	10.4	KITCHEN	273.1	0.60000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/28/1994	F	0	MIDDLETON GOLF WELL	EPA 353.2	0.10000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/30/1995	F	0	MIDDLETON GOLF WELL	EPA 300.0	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	VOC	1,1-DICHLOROETHANE	10/26/1995	F	0.002	MIDDLETON GOLF WELL	EPA 502.2	0.50000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	07/02/1996	F	0	MIDDLETON GOLF WELL	EPA 300.0	0.10000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	07/02/1996	F	10.1	MIDDLETON GOLF WELL	SM 3111B	0.64000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	08/29/1997	F	0.04	MIDDLETON GOLF WELL	SM 4500-NO3-E	0.04000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	08/29/1997	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-E	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/23/1997	F	0.04	MIDDLETON GOLF WELL	SM 4500-NO3-E	0.04000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	09/23/1997	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-E	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	05/06/1998	F	10.3	MIDDLETON GOLF WELL	EPA 200.7	0.20000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	11/23/1998	F	0.01	MIDDLETON GOLF WELL	SM 4500-NO3-E	0.00400000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	07/28/1999	F	10.6	MIDDLETON GOLF WELL	SM 3111B	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/20/2000	F	0	MIDDLETON GOLF WELL	EPA 300.0	0.02000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	09/20/2000	F	0.05	MIDDLETON GOLF WELL	EPA 300.0	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	07/19/2001	F	0	MIDDLETON GOLF WELL	EPA 300.0	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	07/19/2001	F	0.1	MIDDLETON GOLF WELL	EPA 300.0	0.02000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	07/25/2002	F	0.04	MIDDLETON GOLF WELL	EPA 300.0	0.02000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	07/25/2002	F	0.02	MIDDLETON GOLF WELL	EPA 300.0	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	08/29/2002	F	18.6	MIDDLETON GOLF WELL	SM 3111B	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	07/16/2003	F	0	MIDDLETON GOLF WELL	EPA 300.0	0.02000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	07/16/2003	F	0	MIDDLETON GOLF WELL	EPA 300.0	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	12/07/2004	F	2.58	MIDDLETON GOLF WELL	EPA 300.0	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/21/2005	F	0	MIDDLETON GOLF WELL	EPA 300.0	0.02000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	09/21/2005	F	10.4	MIDDLETON GOLF WELL	SM 3111B	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	01/17/2007	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	01/17/2007	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.10000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	11/13/2007	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.10000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	07/29/2008	F	9.8	MIDDLETON GOLF WELL	EPA 200.7	0.05000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	07/29/2008	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	08/25/2009	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/22/2010	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.10000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	INORG	SODIUM	08/30/2011	F	10	KITCHEN	EPA 200.7	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	08/30/2011	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.10000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	08/30/2011	F	10	MIDDLETON GOLF WELL	EPA 200.7	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	08/30/2012	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	08/30/2012	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.05000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	08/27/2013	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.05000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SECCON	MANGANESE	09/23/2014	F	0.11	MIDDLETON GOLF WELL	EPA 200.7	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SODIUM	SODIUM	09/23/2014	F	11	MIDDLETON GOLF WELL	EPA 200.7	1.00000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SECCON	MANGANESE	11/25/2014	F	0.12	MIDDLETON GOLF WELL	EPA 200.7	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SECCON	MANGANESE	12/22/2014	F	0.14	MIDDLETON GOLF WELL	EPA 200.7	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SECCON	MANGANESE	01/29/2015	F	0.11	MIDDLETON GOLF WELL	EPA 200.7	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SECCON	MANGANESE	04/20/2015	F	0.096	MIDDLETON GOLF WELL	EPA 200.7	0.00200000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/22/2015	F	0.083	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.05000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	09/22/2015	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	SECCON	MANGANESE	09/22/2015	F	0.1	MIDDLETON GOLF WELL	EPA 200.8	0.00100000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	10/04/2016	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.05000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	02/15/2017	F	7.6	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.05000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	INORG	SODIUM	09/28/2017	F	11.9	KITCHEN	EPA 200.7	1.02000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRIT	NITRITE	09/25/2018	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.01000000
3184004	MIDDLETON GOLF COURSE II, INC.	MIDDLETON	NC	NITRAT	NITRATE	09/25/2018	F	0	MIDDLETON GOLF WELL	SM 4500-NO3-F	0.05000000

RTN	City/Town	Release Address	Site Name Location Aid	Reporting Category	Notification Date	Compliance Status	Date	Phase	RAO Class	Chemical Type
3-0018425	MIDDLETON	1 BIRCH RD	PAVEMENTS INC	72 HR	06/18/1999	RAO	01/23/2003	PHASE III	A2	Hazardous Material
3-0010729	MIDDLETON	1 BIRCH RD	PAVEMENTS INC	TWO HR	03/23/1994	RAO	03/27/1995		A2	Oil
3-0023538	MIDDLETON	1 KENNEY ROAD	RESIDENCE	120 DY	10/30/2014	PSNC	07/07/2016	PHASE II	PN	Oil and Hazardous Material
3-0013810	MIDDLETON	11 RIVER ST	INTERSECTION WITH SOUTH MAIN ST	120 DY	05/22/1996	RAO	09/26/1996		A1	Oil
3-0025533	MIDDLETON	111 FLINT FARM RD	NO 2 FUEL OIL RELEASE	TWO HR	01/02/2006	RAO	03/07/2006		A2	Oil
3-0015559	MIDDLETON	131 EAST ST	RUPCHINUCK LANDFILL	TWO HR	09/19/1997	RAO	11/10/2000		A1	Hazardous Material
3-0014434	MIDDLETON	145 EAST ST	NO LOCATION AID	TWO HR	10/26/1996	RAO	01/02/1997		A1	Oil
3-0022230	MIDDLETON	15 OLD FOREST ST	NO LOCATION AID	TWO HR	10/20/2002	RAO	02/18/2003		A2	Oil
3-0023263	MIDDLETON	152 SOUTH MAIN ST	RICHARDSON'S DAIRY	TWO HR	10/11/2003	RAO	12/19/2003		A1	Hazardous Material
3-0020893	MIDDLETON	171 NORTH MAIN ST	NO LOCATION AID	TWO HR	07/10/2001	RAO	03/09/2007	PHASE II	A2	Hazardous Material
3-0028029	MIDDLETON	196-206 SOUTH MAIN ST	NO LOCATION AID	72 HR	09/29/2008	RAO	10/07/2009		A2	Oil
3-0011914	MIDDLETON	196-206 SOUTH MAIN ST	NO LOCATION AID	120 DY	10/12/1994	RAO	01/05/2000	PHASE II	A2	Oil
3-0023486	MIDDLETON	2 OGDEN LN	NO LOCATION AID	TWO HR	01/06/2004	RAO	05/28/2004		A2	Oil
3-0032116	MIDDLETON	20 MANNING AVENUE	ESSEX COUNTY JAIL	72 HR	05/15/2014	PSNC	12/14/2018	PHASE II	PN	Oil and Hazardous Material
3-0022691	MIDDLETON	206 SOUTH MAIN ST	MIDDLETON PIPELINE	TWO HR	03/24/2003	RAO	05/21/2003		A1	Oil
3-0014481	MIDDLETON	206 SOUTH MAIN ST	NO LOCATION AID	120 DY	12/17/1996	RAO	01/05/2000	PHASE II		Oil
3-0013235	MIDDLETON	211 BOSTON RD	NO LOCATION AID	TWO HR	12/07/1995	RAO	01/30/1996		B1	Hazardous Material
3-0028149	MIDDLETON	211 BOSTON ST	BOSTIK FACILITY	TWO HR	11/17/2008	RAO	03/17/2009		A2	Oil and Hazardous Material
3-0028145	MIDDLETON	211 BOSTON ST	BOSTIK FACILITY	TWO HR	11/17/2008	RAO	03/17/2009		A2	Oil
3-0020839	MIDDLETON	211 BOSTON ST	BOSTIK FINDLEY INC	TWO HR	06/24/2001	RAO	08/27/2001		A1	Oil
3-0019687	MIDDLETON	211 BOSTON ST	BUILDING 5 TRANSFORMER	TWO HR	07/05/2000	RAO	10/18/2000		A1	Oil
3-0019483	MIDDLETON	211 BOSTON ST	BOSTIK INC	TWO HR	04/26/2000	RAO	06/27/2000		B1	Hazardous Material
3-0018769	MIDDLETON	211 BOSTON ST	BOSTIK BUILDING 5	TWO HR	09/20/1999	RAO	01/25/2000		A1	Oil
3-0017755	MIDDLETON	211 BOSTON ST	NO LOCATION AID	72 HR	12/21/1998	RTN CLOSED	03/27/2000			Oil
3-0017744	MIDDLETON	211 BOSTON ST	BLDG 29	72 HR	12/17/1998	RAO	04/23/1999		A1	Oil
3-0017562	MIDDLETON	211 BOSTON ST	METAL RECYCLING CAGE ADJ TO BLDG 5	TWO HR	11/12/1998	RAO	01/11/1999		A1	Oil
3-0016954	MIDDLETON	211 BOSTON ST	BOSTIK INC	TWO HR	06/19/1998	RAO	08/24/1998		A1	Hazardous Material
3-0015610	MIDDLETON	211 BOSTON ST	BOSTIK	TWO HR	10/14/1997	RAO	12/19/1997		A1	Oil
3-0013148	MIDDLETON	211 BOSTON ST	NO LOCATION AID	TWO HR	11/15/1995	RAO	12/21/1995		B1	Oil
3-0001494	MIDDLETON	211 BOSTON ST	BOSTIK DIVISION	NONE	01/15/1987	RAO	12/21/2011		A3	Oil
3-0032398	MIDDLETON	211 BOSTON STREET	FORMER ADMINISTRATIVE BLDG (BLDG 28)	120 DY	08/21/2014	PSNC	01/07/2015		PN	
3-0029925	MIDDLETON	211 BOSTON STREET	HYDRAULIC OIL IN PARKING LOT	TWO HR	04/11/2011	RAO	06/10/2011		A2	Oil
3-0029862	MIDDLETON	211 BOSTON STREET	BOSTIK	TWO HR	03/13/2011	RAO	03/13/2012		A2	Hazardous Material
3-0033916	MIDDLETON	212 & 232 MAPLE STREET	GASOLINE STATION	72 HR	11/04/2016	TIER 2	11/02/2017	PHASE II		Oil
3-0004758	MIDDLETON	219R SOUTH MAIN ST	PRESCRIPTION TURF SERVICES	NONE	07/13/1993	RAO	07/30/1997		A1	Oil
3-0004338	MIDDLETON	2-20 NORTH MAIN ST	COMMERCIAL PROPERTY	NONE	07/15/1993	WCSPRM	12/28/1993			Oil
3-0016640	MIDDLETON	223 MAPLE ST	NO LOCATION AID	72 HR	03/27/1998	RAO	03/26/1999		A2	Oil
3-0001964	MIDDLETON	229 MAPLE ST	HOWES STATION MARKET	NONE	01/15/1989	PENNFA	07/28/1995			
3-0010046	MIDDLETON	230 SOUTH MAIN ST	MARKET BASKET PARKING LOT	TWO HR	10/09/1993	RAO	01/05/1994		A1	Oil
3-0012000	MIDDLETON	232 MAPLE ST	BOUCHARDS GETTY (ROUTE 62 WEST)	TWO HR	12/24/1994	RAO	02/08/1995		A2	Oil
3-0001941	MIDDLETON	234 SOUTH MAIN ST	114 IMPORTS INC	NONE	01/15/1989	RAO	01/30/2004	PHASE IV	A2	Oil
3-0006026	MIDDLETON	24 HILLDALE AVE	PROPERTY	NONE	03/17/1994	RAO	07/19/2004	PHASE II	A2	Oil
3-0004025	MIDDLETON	241 MAPLE ST	GETTY STATION	NONE	07/15/1992	RAO	03/15/1996		A2	
3-0024457	MIDDLETON	265 SOUTH MAIN ST	PUMP N PANTRY MOBIL STA	72 HR	12/02/2004	RTN CLOSED	12/09/2005			Hazardous Material
3-0019335	MIDDLETON	265 SOUTH MAIN ST	MOBIL PUMP N PANTRY	72 HR	03/03/2000	RTN CLOSED	06/20/2001			Hazardous Material
3-0001505	MIDDLETON	265 SOUTH MAIN ST	PUMP N PANTRY/MOBIL STA	NONE	09/15/1988	PSNC	03/20/2017	PHASE V	PN	Oil
3-0032560	MIDDLETON	272 NORTH MAIN STREET	RESIDENTIAL	120 DY	11/21/2014	RTN CLOSED	07/15/2015			Hazardous Material
3-0031505	MIDDLETON	272 NORTH MAIN STREET	RESIDENTIAL	120 DY	05/16/2013	TIER 2	05/01/2014	PHASE IV		Hazardous Material
3-0018950	MIDDLETON	29 MAIN ST	NO LOCATION AID	120 DY	10/10/1999	RAO	11/03/2000		A2	Oil
3-0016792	MIDDLETON	29 SOUTH MAIN ST	NO LOCATION AID	120 DY	05/06/1998	RTN CLOSED	04/20/1999			Oil and Hazardous Material
3-0014402	MIDDLETON	29 SOUTH MAIN ST	RICHDALES	TWO HR	10/23/1996	RAO	01/03/2006		A2	Oil
3-0033247	MIDDLETON	295 MAIN STREET	NO LOCATION AID	TWO HR	11/05/2015	RTN CLOSED	10/14/2016			Hazardous Material
3-0031499	MIDDLETON	295 NORTH MAIN ST	MUZICHUK GARAGE INC	120 DY	04/09/2013	TIER 2	04/09/2014	PHASE IV		Oil and Hazardous Material
3-0032559	MIDDLETON	295 NORTH MAIN STREET	MUZICHUK GARAGE, INC.	120 DY	11/21/2014	RTN CLOSED	07/15/2015			Hazardous Material
3-0018386	MIDDLETON	3 NICHOLS LN	NO LOCATION AID	120 DY	06/09/1999	RAO	05/19/2010		A1	Oil and Hazardous Material
3-0022987	MIDDLETON	30 LAKE ST	DANVERS WATER TREATMENT PLANT	TWO HR	07/01/2003	RAO	09/03/2003		A1	Hazardous Material
3-0031498	MIDDLETON	328 NORTH MAIN ST	MUZZY WASIL REALTY TRUST	120 DY	04/09/2013	TIER 2	04/09/2014	PHASE IV		Hazardous Material
3-0033250	MIDDLETON	328 NORTH MAIN STREET	NO LOCATION AID	TWO HR	11/05/2015	RTN CLOSED	10/14/2016			
3-0032558	MIDDLETON	328 NORTH MAIN STREET	MUZZY WASIL REALTY TRUST	120 DY	11/21/2014	RTN CLOSED	07/15/2015			Hazardous Material
3-0031260	MIDDLETON	37 WHITE CEDAR DRIVE	PAD-MOUNTED TRANSFORMER ABUTTING HOUSE	120 DY	12/03/2012	RAO	03/29/2013		A2	Oil
3-0030031	MIDDLETON	4 SOUTH MAIN ST	INTERSECTION OF RTE 114 AND RTE 62	TWO HR	05/27/2011	RAO	07/25/2011		A1	Oil
3-0019822	MIDDLETON	4 SOUTH MAIN ST	NO LOCATION AID	120 DY	08/01/2000	RAO	07/18/2003	PHASE III	B1	Oil and Hazardous Material
3-0011778	MIDDLETON	4 SOUTH MAIN ST	EXXON R/S 3-0364-JCT RTE 114 & RTE 62	120 DY	10/25/1994	RAO	11/07/1997	PHASE III	A2	Oil
3-0033281	MIDDLETON	4 SOUTH MAIN STREET	CUMBERLAND FARMS, INC.	120 DY	11/23/2015	PSNC	11/22/2016	PHASE II	PN	Hazardous Material
3-0019243	MIDDLETON	60 RIVER ST	NO LOCATION AID	120 DY	02/04/2000	RAO	09/14/2000		A2	Oil and Hazardous Material
3-0020717	MIDDLETON	6-12 BIRCH RD	NO LOCATION AID	TWO HR	05/18/2001	TMPS	08/05/2015			Hazardous Material
3-0016824	MIDDLETON	6-12 BIRCH RD	INDUSTRIAL PROPERTY	120 DY	05/21/1998	PSC	04/02/2018	PHASE III	PA	Oil
3-0034062	MIDDLETON	67 NORTH MAIN STREET	NO LOCATION AID	TWO HR	01/23/2017	TIER 2	01/22/2018	PHASE II		Hazardous Material
3-0034265	MIDDLETON	7 NATSUE WAY	FORMER QUINN PARCELS	120 DY	06/21/2017	RTN CLOSED	06/22/2018			Hazardous Material
3-0020892	MIDDLETON	73 NORTH MAIN ST	QUARTER MILE NORTH OF 114 AND 62	72 HR	07/09/2001	RAO	09/06/2001		A1	Oil
3-0001376	MIDDLETON	73 NORTH MAIN ST	MUZICHUKS GARAGE	NONE	10/15/1989	DEPNFA	04/03/1996			
3-0028590	MIDDLETON	8 ROCKAWAY RD	NO LOCATION AID	TWO HR	06/29/2009	RAO	02/26/2010		A2	Hazardous Material
3-0010212	MIDDLETON	81 NORTH MAIN ST	INTERSECT OF N MAIN AND ESSEX ST	72 HR	11/22/1993	RAO	08/26/2011	PHASE II	A2	Oil and Hazardous Material
3-0026608	MIDDLETON	COLONY ACCESS RD	MIDDLETON COLONY BLDG #6 PWRHOUSE	120 DY	02/22/2007	RAO	11/03/2009	PHASE II	A2	
3-0030676	MIDDLETON	FOREST STREET	EMERSON BROOK RESERVOIR	TWO HR	03/06/2012	RAO	05/07/2012		A2	Oil
3-0018686	MIDDLETON	IPSWICH RIV	NO LOCATION AID	TWO HR	08/26/1999	RAO	12/08/1999		A1	Oil
3-0003205	MIDDLETON	LOG BRIDGE RD	INDUSTRIAL PROPERTY	NONE	10/15/1990	WCSPRM	03/26/1993			
3-0014371	MIDDLETON	LONGERGAN RD	NR DANVERS LINE/OFF RTE 114	TWO HR	10/21/1996	RAO	10/28/1999	PHASE II	A2	Oil
3-0028409	MIDDLETON	LOTS 6B AND 6C NATSUE WAY	LOTS 6B AND 6C, NATSUE WAY	120 DY	03/26/2009	TMPS	03/16/2016	PHASE IV	TF	Hazardous Material
3-0032221	MIDDLETON	MEADOW DRIVE	ROADWAY SPILL ADJ 21&23 MEADOW DRIVE	TWO HR	06/16/2014	PSNC	08/21/2014		PN	
3-0026466	MIDDLETON	MIDDLETON COLONY OFF GREGORY	LEE COTTAGE - BASEMENT	120 DY	12/11/2006	RTN CLOSED	03/10/2009			Hazardous Material
3-0033414	MIDDLETON	NATSUE WAY	SOIL PILES	120 DY	02/10/2016	RTN CLOSED	02/17/2017	PHASE II		
3-0015976	MIDDLETON	NATSUE WAY	D L QUINN CO	72 HR	02/03/1998	RAO	01/08/2002	PHASE IV	A2	Oil and Hazardous Material
3-0015046	MIDDLETON	NORTH MAIN ST	ADJ DPW @ 195 NO MAIN	TWO HR	04/28/1997	RTN CLOSED	12/30/2016			Oil
3-0004485	MIDDLETON	NORTH MAIN ST ADJ 195	VACANT LOT	NONE	07/15/1993	TIER 2	12/30/2016	PHASE II		Oil
3-0020083	MIDDLETON	RTE 114	NO LOCATION AID	TWO HR	10/31/2000	RAO	03/13/2002		A1	
3-0000168	MIDDLETON	SCHOOL ST	ADHESIVES MANUFACTURER	NONE	12/29/1986	TIER1D	04/26/1995			Oil and Hazardous Material
3-0001072	MIDDLETON	SOUTH MAIN ST BOSTON ST	SENER TRANSPORTATION CO	NONE	10/15/1989	DEPNFA	04/02/1996			Oil
3-0003624	MIDDLETON	SOUTH MAIN ST LOG BRIDGE RD	COMMERCIAL PROPERTY	NONE	07/15/1991	RAO	01/06/1998		A2	Oil

# MASSACHUSETTS DEP OIL & HAZARDOUS MATERIAL INCIDENT REPORT

(circle or fill in all that apply)

Response Date: 6/25/92 Closed: ☒ Yes ☐ No SA #:            ER #: N92-0799

Initial Office Follow-up Office Initial Field Follow-up Field 21E Notification Amended

City/Town: Middleton Spill Name: BFI

Address: Rt 114 in front of 145 S. Main St Reported: 6/25/92 Time: 10:35 AM/PM

Half Town:            Zip Code:            Occurred:            Time:            AM/PM

Notifier: Lilly Middleton F.I. 508-774-2466

(Name) Check if Anonymous ☐ (Affiliation) (Phone)

## PRIMARY SPILL INFORMATION

Petroleum / Hazardous / Both / Neither / Unknown

Material: Hydraulic Oil Amount Reported: 10-15 Gallons Drums Cu Yds Lbs

Virgin ☒ Waste Non-PCB / PCB ppm / Unknown Amount Actual:            Vapors Sheen None Unknown

Environmental Impact: SOIL AIR GROUNDWATER SURFACE WATER ZONE 2 WATER SUPPLY STORM DRAIN SCHOOL

OTHER: Pavement

Spill Source: U.S.T. A.S.T. TRANSFORMER VEHICLE FUEL TANK PIPE/HOSE/LINE

BOAT DRUMS VEHICLE TANKER TRUCK UNKNOWN OTHER: Hydraulic Line

Release Type: SPILL FIRE OVERFILL TANK REMOVAL TEST FAILURE VEHICLE ACCIDENT

☒ RUPTURE LEAK DUMPING THREAT ONLY UNKNOWN OTHER:           

Description: Ruptured Hydraulic line on BFI container truck approx. 300ft of impacted roadway. Speedies & Sand spread No C.B. impacted F.D. Berned. Spike to Ernie Stone of BFI. He informed me that oil released was a spray onto roadway. No silt or C.B.'s impacted. American Waste Oil doing cleanup & will transport spent speedies to BFI for pick up by CYN. No further E.R. warranted. Case Closed.

Referral Within DEP: SA HW WS SW AGC MPC MW IWW ENF/SF Staff:           

State Contractor: Used:            ☒ Not Used Federal L.U.S.T. Eligible: ☒ No ☐ Yes Category:           

Further DEP Response: Yes No Pending Response Needed:           

## PRP INFORMATION

Name: BFI Cathy Company: Contact: ERNIE STONE

Address: 385 Dunstable Rd Town: Tyrusboro State: MA Zip: 01879

Business Phone: 508-649-7564 Home Phone:           

NOR Issued: ☒ Verbal ☐ Field Office Date: 6/25/92 Responsibility Accepted: ☒ Yes ☐ No

PRP Contractor: CYN Oil Contact:            Phone:           

Noncompliance Issues: FOR DISPOSAL OF SPENT SPEEDIES

## OTHER AGENCIES INVOLVED IN OR NOTIFIED OF INCIDENT

Agency:            Date:            /            /            Time:            :            AM/PM

First Contact By: DEP OTHER AGENCY Phone:            Contact:           

Agency:            Date:            /            /            Time:            :            AM/PM

First Contact By: DEP OTHER AGENCY Phone:            Contact:           

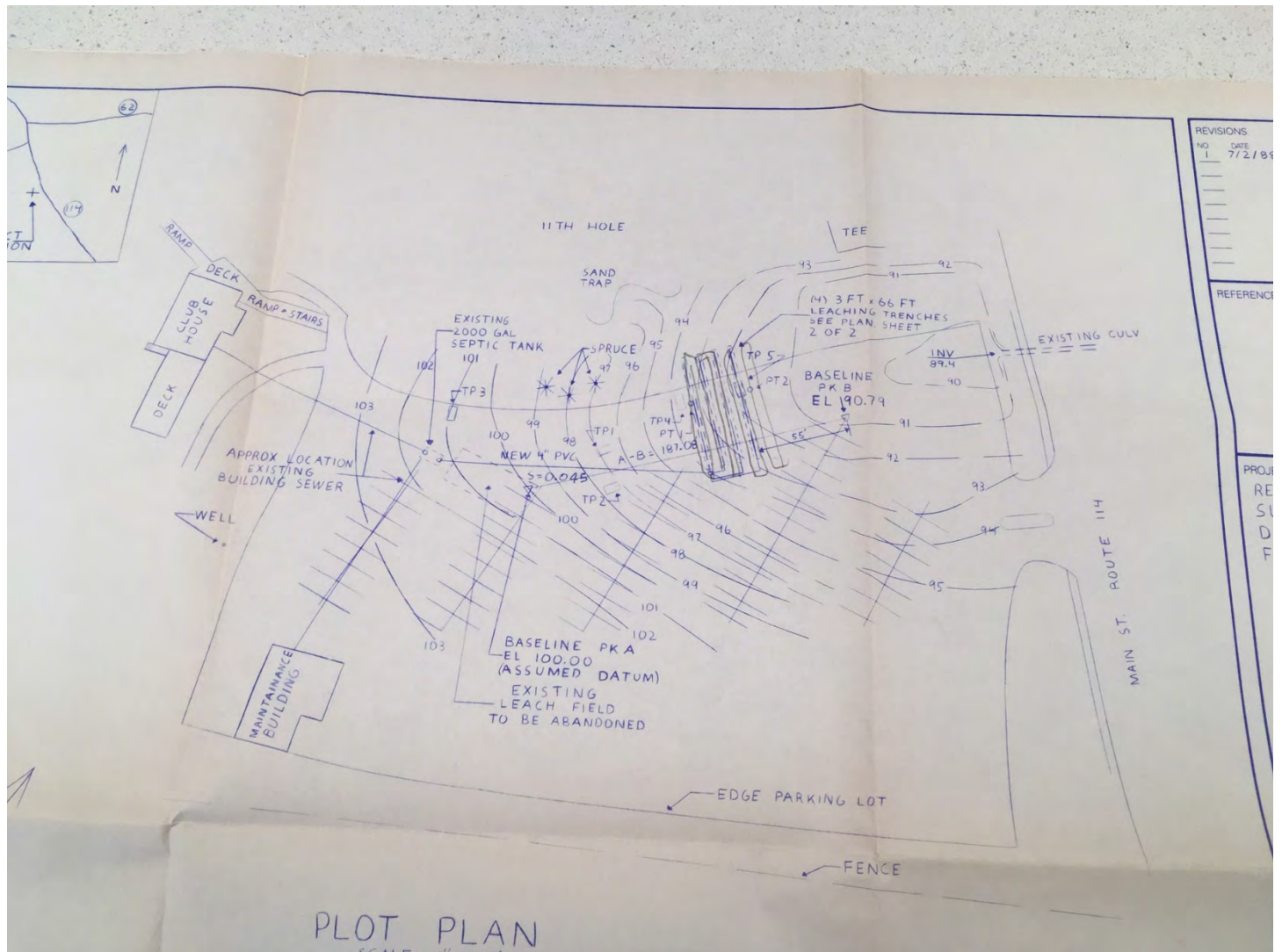
DEP Staff Notified: V. ARMSTRONG ER Lead:           

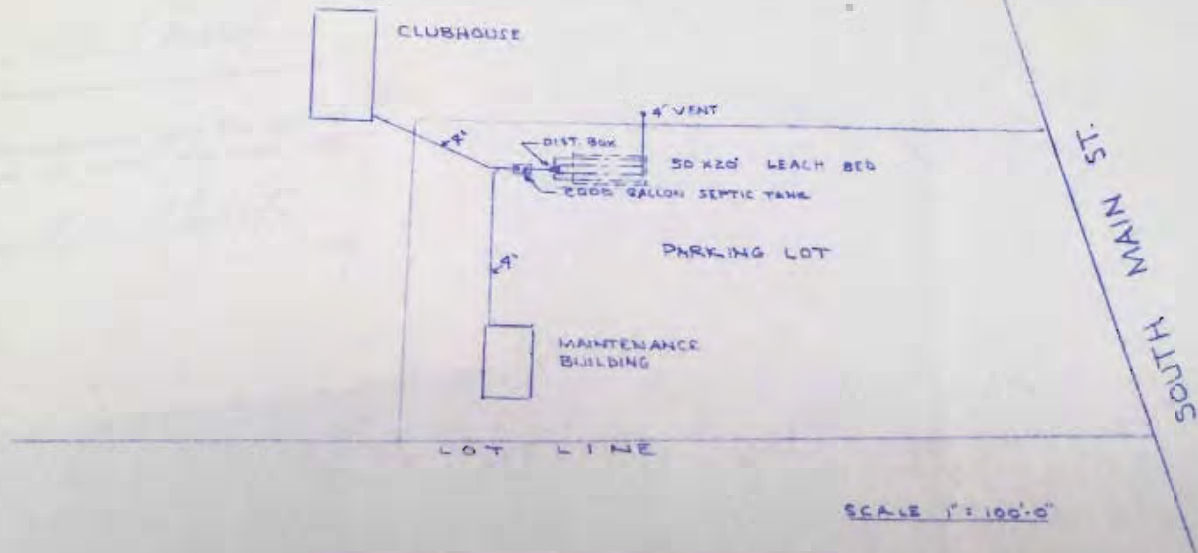
Report Prepared By: V. ARMSTRONG Signature: Valerie Armstrong

## **APPENDIX E**



# APPENDIX E – Town Records





Part plan of land showing location of private sewage system

MIDDLETON GOLF CLUB  
MIDDLETON MASS



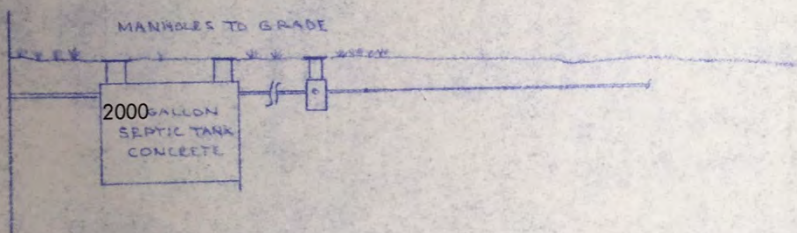
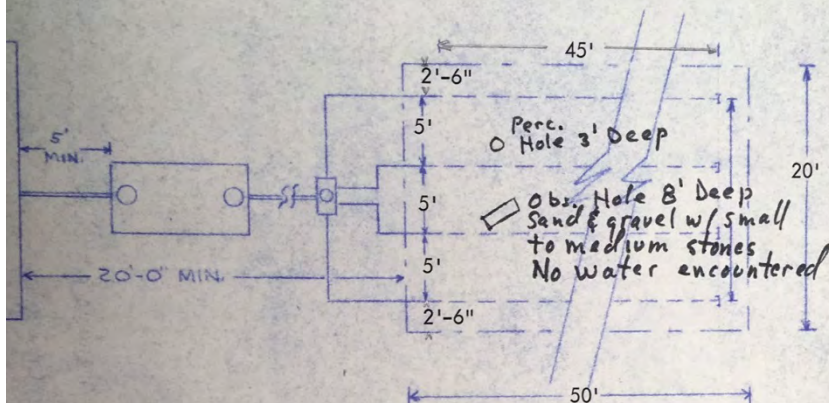
FRANK E. GALLAGHER ASSOCIATES  
328 ESSEX ST. SALEM, MASS  
CONSULTING ENGINEERS

FRANK E GALLAGHER

REGISTERED PROFESSIONAL ENGINEER

328 Essex Street

Salem, Mass.



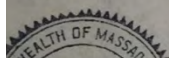
Percolation rate: 1" in 13 minutes Date of test: Sept. 30, 1965

Owner: Middleton Golf Club

Address: South Main Street, Middleton

Building location: South Main Street

INSTALLATION: The installation of a private sewage system for this property shall comply with local and state regulations. In any case where there is no more stringent local regulation the state sanitary code shall be considered to be the minimum acceptable basis for design and installation.





# TOWN OF MIDDLETON

## Board of Health

### Application for Permit for Sewage Disposal Works

Owner Middleton Golf Club Address Route 114 Middleton, Mass.  
Contractor \_\_\_\_\_ Address \_\_\_\_\_ Acres \_\_\_\_\_  
Location Route 114, Middleton Dwelling \_\_\_\_\_ Other Type Building Club House & Maintenance Bldg  
No. Bedrooms \_\_\_\_\_ Auto. Washer \_\_\_\_\_ Garbage Disposal \_\_\_\_\_ Size Lot \_\_\_\_\_  
Septic Tank Capacity 2000 Gals. Design Flow \_\_\_\_\_ Total Gals. Per Day \_\_\_\_\_  
Leach Trench No. \_\_\_\_\_ Total Length \_\_\_\_\_ Width \_\_\_\_\_ Total Leach Area \_\_\_\_\_  
Leach Bed No. Lines 4 Length 50' Width 20' Total Leach Area 1000 square feet  
Leach Tank Capacity \_\_\_\_\_ Gals. Depth to Ground Water \_\_\_\_\_  
Percolation Test Results Performed By F.E. Gallagher, P.E. Date September 30, 1965  
Test Pit #1 11 Min. Per Inch \_\_\_\_\_ Depth Test Pit 3'-6"  
Test Pit #2 10 Min. Per Inch \_\_\_\_\_ Depth Test Pit 3'-0"  
Description of Soil Gravel with trace of clay  
Date Oct. 15, 1965 Applicant Signature F.E. Gallagher, P.E.

Permission is hereby granted ☒ refused \_\_\_\_\_ for the construction of the sewage disposal works as described above and in the accompanying plot plan. Construction or repair of any disposal works must conform to the standards set forth in Article XI of the State Sanitary Code.

Reason For Refusal \_\_\_\_\_  
Building Inspector \_\_\_\_\_ Health Inspector L.A. Philp

Inspected and approved as required under Article XI of the State Sanitary Code. The approval must be construed as a guarantee that the system will work satisfactorily.

DANVERS WATER DEPARTMENT LABORATORY  
Vernon C. Russell Water Treatment Plant  
Lake Street  
Middleton, Massachusetts 01949  
Director: Donald A. Bancroft

RESULTS OF BACTERIAL EXAMINATION

Sample Location: Middleton Golf Course

Date of Collection: 11-14-90

Time of Collection: 9:00 AM

Date of Receipt: 11-14-90

Date of Analysis: 11-14-90

Bottle No.: 137

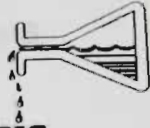
Collected By: Brian Hoyt

Laboratory Sample No.: 1206

\* TOTAL COLIFORM MF: 0

*L. J. L.*





## Stevens Water Analysis

Montvale Avenue • Stoneham, MA 02180 • Mass. (617) 438-6114 • Salem, N.H. (603) 893-3106

LABORATORY NUMBER: 167036

SAMPLE DATE: 5/19/87

SUBMITTED BY: MIDDLETON GOLF COURSE  
105 South Main Street  
Middleton, MA 01949

ATTN: Bart Brown

SAMPLE SOURCE: New Well by Club House/collected from pump

ANALYSIS: According to Standard Methods of Water and Wastewater Analysis, 15th Ed.

Total Coliform . . . . .	0 per 100 ml
Chlorides . . . . .	16 mg/L
pH . . . . .	8.2
Hardness . . . . .	66 mg/L
Manganese . . . . .	0.09 mg/L
Sodium . . . . .	14 mg/L
Iron . . . . .	1.45 mg/L
Nitrate . . . . .	less than 0.10 mg/L
Nitrite . . . . .	less than 0.10 mg/L

NOTE: The results of these analyses meet the required federal and state standards for drinking water. However, the iron and manganese concentrations exceed the recommended standards.

Although iron and manganese are not harmful to your health, they can affect the taste, color and odor of your water. Iron and manganese are frequently found at elevated levels in new wells; however, it is likely that the concentrations will decrease when the well is put into regular use.

61 12 XJC

## STEVENS WATER ANALYSIS

38 MONTVALE AVENUE  
STONEHAM, MASS. 02180  
Tel. (Stoneham) 617-438-6114  
Tel. (Salem, N.H.) 603-893-3106

### Interpretation of Test Results

#### COLIFORM

Coliform test is used to determine the possible presence of seepage pollution and pathogenic organisms in water. The U.S. Public Health Service has established that the coliform concentration should not exceed 0 per 100 milliliters in public water supplies. An absence of coliform bacteria eliminates the possibility that seepage pollution and pathogenic organisms are present in water.

#### HARDNESS

Hard waters are generally considered to be those waters that require considerable amounts of soap to produce a foam and that also produce scale in hot water pipes, heaters and boilers. Specifically, hardness is a measure of the calcium and magnesium concentration in water. These hardness minerals are responsible for ring and scale buildup in bathtubs and sink bowls and many other domestic problems. From an economic standpoint, hardness can increase water heating costs due to the scale build up in boilers and also increase detergent consumption. Waters are commonly classified in terms of the degree of hardness as follows:

0-75 mg/l	Soft
75-100 mg/l	Moderately hard
100-300 mg/l	Hard
300 up mg/l	Very hard

Water with a pH of less than 7.0 is considered acidic. Water with a pH above 7.0 is considered alkaline or basic. A pH of 6.0 to 6.6 is moderately acid and may eventually corrode plumbing fixtures and water using appliances. A pH of 4.0 to 5.9 is considered very acidic and corrosion could be even more extensive.

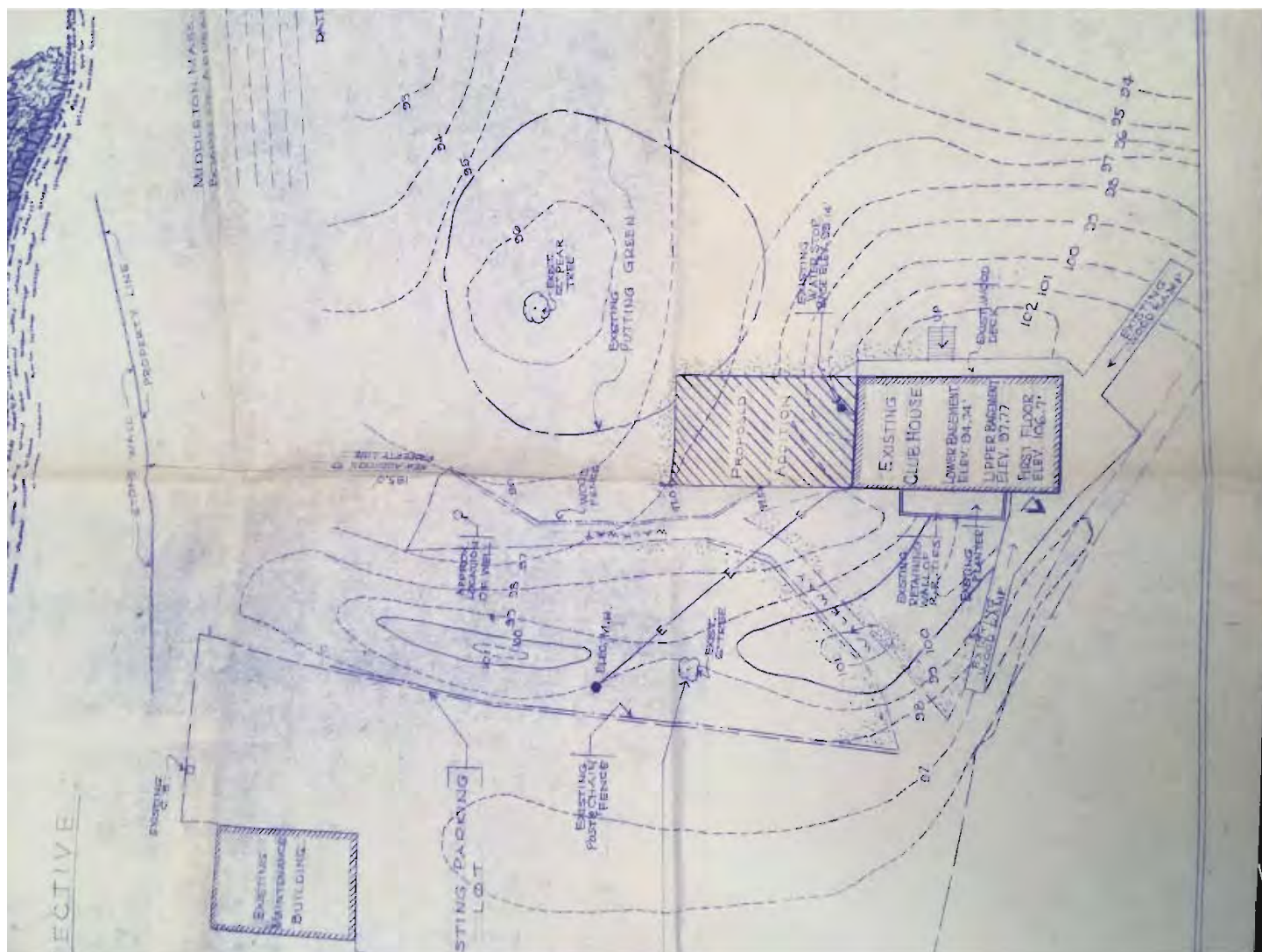
#### CHLORIDES

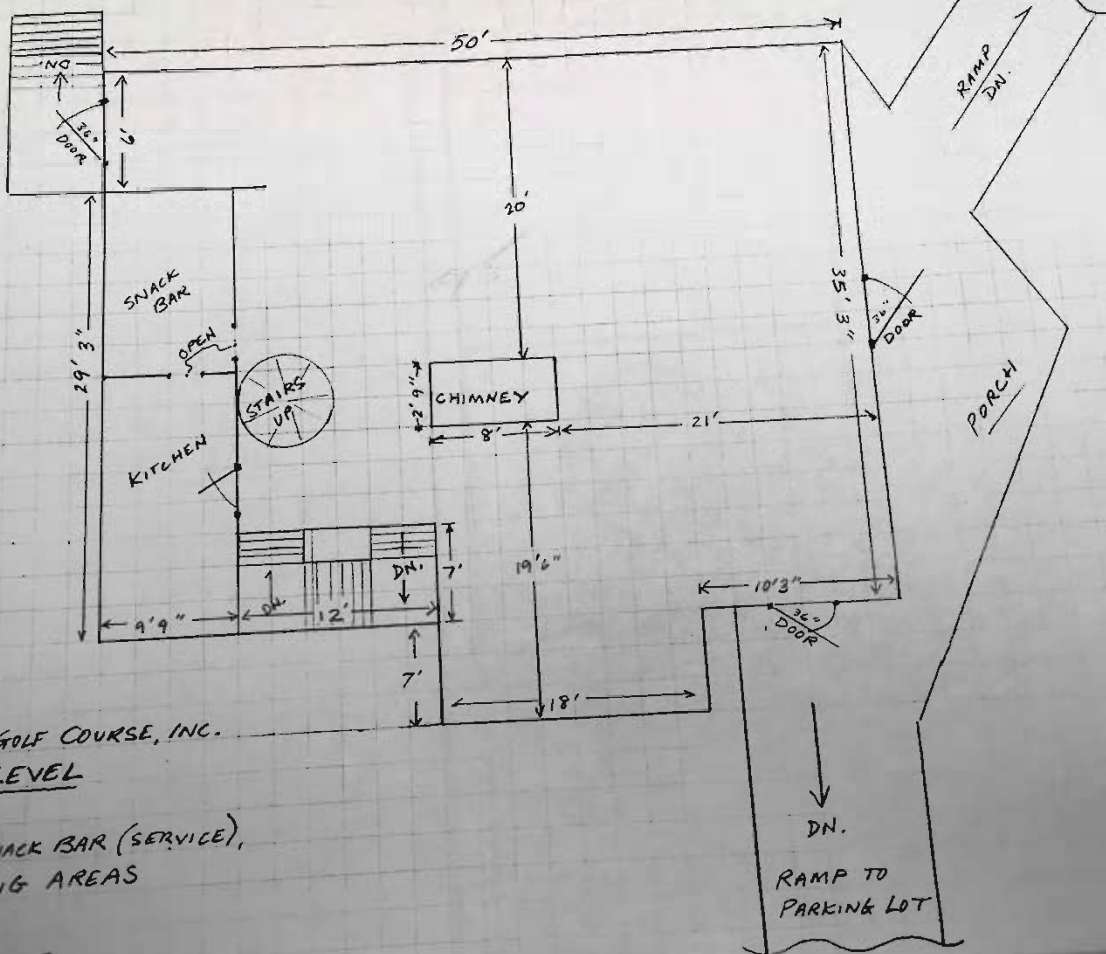
Chlorides in reasonable concentration are not harmful to humans. However, they can give a salty taste to water objectionable to many people. For this reason the U.S. Public Health Service recommends that chlorides be less than 250 mg/l in supplies intended for public use. Salting of nearby highways is often the cause of high concentrations in water supplies.

#### IRON AND MANGANESE

Iron and Manganese can cause problems with staining during laundering operations, impart objectionable stains to plumbing fixtures, and cause difficulties in distribution systems by supporting growth of iron bacteria. Such water exposed to the air become turbid and highly unacceptable from the aesthetic viewpoint. Iron imparts a taste which is detectable at very low concentrations and can be very objectionable at higher concentrations. Iron can also change the taste and color of beverages and food. For these reasons the U.S. Public Health Service recommends that public water supplies should not contain more than 0.3 mg/l of iron or 0.05 mg/l of manganese.

High concentrations of sodium can promote hypertension or high blood pressure in humans. Some individuals are more susceptible to the effects of sodium than others. The U.S. Public Health Service recommends that sodium be less than 20 milligrams per liter in public water supplies.





MIDDLETON GOLF COURSE, INC.  
MAIN LEVEL

KITCHEN, SNACK BAR (SERVICE),  
 AND DINING AREAS



June 21, 1965

Petition of May 27th  
Alice M. Johnson

Mr. Lionel Barrows as representative of the Board of Appeals  
states:-

Pursuant to the permissive uses granted by the board to construct and operate a golf course on South Main St., the following conditions are made part of (and not a substitution for) those imposed by the original grant.

1. The No. 1 tee shall be positioned (as shown on the plan exhibited,) in excess of 100 ft. north of the stone wall representing the boundary between your land and the Brigadoon development. The fairway and Green shall run (westerly) at an angle away from the wall.

2. All trees and foliage along the entire length of the south wall will be kept intact. Should any openings occur for whatever reason large enough to cause a hazard to the adjoining residences, from soaring balls additional plantings or suitable screening shall be installed.

3. Tree removal on the "west" end shall be minimal so as to leave a dense natural screen between the course and those houses which may be built along that portion of the Brigadoon development.

4. Maintain a maximum natural screen the full length of the "northern" border so as to protect existing or future occupants in this area.

5. Maintain a maximum natural screen, commensurate with safe ingress and egress to the parking area, along the full length of "east" side (along Rt. 114). Should there be a continuous hazard to traffic on Rt. 114, from flying balls, additional protective measures shall be taken.

6. Angle all fairways, as much as possible, away from the boundaries to further minimize any danger to the abutters from misdirected balls.

G.  
Alice Johnson  
Mayor of Selectmen  
Town Clerk  
Planning Board  
Chief of Police  
Town Counsel  
Building Inspector

  
Lionel Barrows



TANK REMOVAL 2004								
1	EAST ST REALTY LLC	EAST ST	45	500	ABOVE	C-1	01/16/04	RALPH SURIANELLO INC
2	RTE 114 IMPORTS INC	SO MAIN ST	234	275	ABOVE	KSL	02/04/04	SOMMER ENVIR
3	FLETCHER	ESSEX ST	33	275	ABOVE	WON	02/18/04	REMOVAL SPECIALISTS
4	STENHOUSE	PLEASANT ST	25	275	ABOVE	C-1	02/19/04	REMOVAL SPECIALISTS
5	PRIME INVESTMENT	FOREST ST	21	275	ABOVE	FT	03/29/04	H&S TANK CLEANING ONC
6	PRIME INVESTMENT	FOREST ST	21	275	ABOVE	FT	03/29/04	H&S TANK CLEANING ONC
7	DIGIORIO	LIBERTY ST	56	275	ABOVE	FT	03/29/04	REMOVAL SPECIALISTS
8	GNOZA	KENNEY RD	15	1000	UNDER	DL	05/14/04	JAMES H CURRIER CONST
9	O'NEIL	ESSEX ST	82	275	ABOVE	FT	05/27/04	H&S TANK CLEANING ONC
10	MADRUGA	CURTIS AVE	7	275	ABOVE	JB	06/01/04	BOND TITE TANK SERVICE
11	GAGE	LIBERTY ST	85	275	ABOVE	JB	06/01/04	REMOVAL SPECIALISTS
12	ALESTRI	RIVER ST	125	275	ABOVE	JB	06/01/04	UNLIMITED REMOVAL
13	BAMPOF	MEADOWLARK FARM LN	7	275	ABOVE	FT	07/26/04	H&S TANK CLEANING ONC
14	BAMPOF	MEADOWLARK FARM LN	7	275	ABOVE	FT	07/26/04	H&S TANK CLEANING ONC
15	MORRISON	RANDALL RD	8	275	ABOVE	C-1	08/16/04	ATLANTIC TANK SERVICE INC
16	ALLEN	MILL ST	20	275	ABOVE	FT	09/27/04	H&S TANK CLEANING ONC
17	MALONE	LAKE ST	21	275	ABOVE	JB	10/07/04	REMOVAL SPECIALISTS
18	DISKES	RIVER ST	65	1000	UNDER	FT	10/19/04	CURRIER CONST
19	FILOCHA	LIBERTY ST	73	275	ABOVE	JB	11/18/04	REMOVAL SPECIALISTS
20	LUCIER	BELVIEW AVE	20	275	ABOVE	DKL	11/04/04	REMOVAL SPECIALISTS
21	HANNON	PLEASANT ST	21	275	ABOVE	FT	11/30/04	HANNON
22	LENNOX	PLEASANT ST	22	275	ABOVE	KSL	12/09/04	WOJCIK
23	D&S HOMES LLC	EAST ST	85	500	UNDER	FT	12/09/04	CURRIER CONST
24	MIDDLETON GOLF	SO MAIN ST	105	275	ABOVE	C-1	12/21/04	HOLDEN OIL

Fire Department record of tank removals

## **APPENDIX F**

# ASTM E1527-13 Questionnaire

Address: 93-105 South Main Street, Middleton, MA 01949

	Observed /Informed?	Y/N
1a. Is the property used for an industrial use? Description:	Observed	No
1b. Is any adjoining property used for an industrial use? Description:	Observed	No
2a. Did you observe evidence or do you have any prior knowledge that the property has been used for an industrial use in the past? Description:	Observed	No
2b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used for an industrial use in the past? Description:	Observed	No
3a. Is the property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? Description: Maintenance of vehicle occurs in the garage	Observed	No
3b. Is any adjoining property used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? Description:	Observed	No
4a. Did you observe evidence or do you have any prior knowledge that the property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? Description	Observed	No
4b. Did you observe evidence or do you have any prior knowledge that any adjoining property has been used as a gasoline station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)? Description:	Observed	No
5a. Are there currently any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility? Description: pesticides, herbicides, fertilizers, paints, oils and lubricants	Observed	Yes

### ASTM E1527-13 Questionnaire

Address: 93-105 South Main Street, Middleton, MA 01949

stored in the Maintenance Bldg.

5b. Did you observe evidence or do you have any prior knowledge that there have been previously any damaged or discarded automotive or industrial batteries, or pesticides, paints, or other chemicals in individual containers of >5 gal (19 L) in volume or 50 gal (190 L) in the aggregate, stored on or used at the property or at the facility? Observed No

Description:

6a. Are there currently any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility? Observed Yes

Description: 2 drums of waste oil, one drum of lubricating oil pesticides, herbicides, fertilizers stored in garage

6b. Did you observe evidence or do you have any prior knowledge that there have been previously any industrial drums (typically 55 gal (208 L)) or sacks of chemicals located on the property or at the facility? Observed No

Description:

7a. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that originated from a contaminated site? Observed No

Description:

7b. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the property that is of an unknown origin? Observed No

Description:

8a. Are there currently any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal? Observed No

Description:

8b. Did you observe evidence or do you have any prior knowledge that there have been previously, any pits, ponds, or lagoons located on the property in connection with waste treatment or waste disposal? Observed No

Description:

9a. Is there currently any stained soil on the property? No

Description:

9b. Did you observe evidence or do you have any prior knowledge that there has been previously, any stained soil on the property? Observed No

Description:

10a. Are there currently any registered or unregistered storage tanks (above or underground) located on the property? Observed Yes

Description: 3 ASTs, 2 #2 fuel oil and one diesel

10b. Did you observe evidence or do you have any prior knowledge that there have been previously, any registered or unregistered storage tanks (above or underground) located on the property? Observed Yes

Description: UST to the east of Clubhouse, removed over 20 years ago

**ASTM E1527-13 Questionnaire**

**Address: 93-105 South Main Street, Middleton, MA 01949**

11a. Are there currently any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? Description:	Observed	No
11b. Did you observe evidence or do you have any prior knowledge that there have been previously, any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the property or adjacent to any structure located on the property? Description:	Observed	No
12a. Is there currently evidence of leaks, spills or staining by substances other than water, or foul odors, associated with any flooring, drains, walls, ceilings, or exposed grounds on the property? Description:	Observed	No
12b. Did you observe evidence or do you have any prior knowledge that there have been previously any leaks, spills, or staining by substances other than water, or foul odors, associated with any flooring drains, walls, ceilings or exposed grounds on the property? Description:	Observed	No
13a. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that contaminants have been identified in the well or system that exceed guidelines applicable to the water system? Description: 1,1 dichloroethane detected in 1993, 1995 but well below guidelines	Informed	No
13b. If the property is served by a private well or non-public water system, is there evidence or do you have prior knowledge that the well has been designated as contaminated by any government environmental/health agency? Description: NA	Informed	No
14. Does the owner or occupant of the property have any knowledge of environmental liens or governmental notification relating to past or recurrent violations of environmental laws with respect to the property or any facility located on the property?	Informed	No
15a. Has the owner or occupant of the property been informed of the past existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? Description:	Informed	No
15b. Has the owner or occupant of the property been informed of the current existence of hazardous substances or petroleum products with respect to the property or any facility located on the property? Description:	Informed	No
15c. Has the owner or occupant of the property been informed of the past existence of environmental violations with respect to the property or any facility located on the property?	Informed	No



# ASTM E1527-13 Questionnaire

Address: 93-105 South Main Street, Middleton, MA 01949

Description:

15d. Has the owner or occupant of the property been informed of the current existence of environmental violations with respect to the property or any facility located on the property?

Informed No

Description:

16. Does the owner or occupant of the property have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the property or recommended further assessment of the property?

Informed No

Description:

17. Does the owner or occupant of the property know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property by any owner or occupant of the property?

Informed No

Description:

18a. Does the property discharge waste-water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?

Observed No

Description:

18b. Does the property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a sanitary sewer system?

Observed No

19. Did you observe evidence or do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property?

Observed No

Description:

20. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCBs?

Observed No

Government Records/Historical Sources Inquiry

(See guide, Section 10)

21. Do any of the following federal, state, or tribal government record systems list the property or any property within the search distance noted below (where available):

	Search Distance miles (kilometres)		Y/N	# of Sites
Federal NPL site list	1	1.6	No	0
Federal Delisted NPL site list	0.5	0.8	No	0
Federal CERCLIS list	0.5	0.8	No	0
Federal CERCLIS NFRAP site list	0.5	0.8	No	0
Federal RCRA CORRACTS facilities list	0.5	0.8	No	0
Federal RCRA non-CORRACTS TSD Facilities list	0.5	0.8	No	0
Federal RCRA generators list	property and adjoining		No	0

### ASTM E1527-13 Questionnaire

Address: 93-105 South Main Street, Middleton, MA 01949

Federal institutional control/engineering control registries	property only	No	0
Federal ERNS list	property only	No	0

State and tribal lists of hazardous waste sites identified for investigation or remediation:

State-and tribal-equivalent NPL	1	1.6	No	0
State-and tribal-equivalent CERCLIS	0.5	0.8	Yes	1
State-and tribal-landfill and/or solid waste disposal site lists	0.5	0.8	No	0
State-and tribal-leaking storage tank lists	0.5	0.8	No	0
State and tribal registered storage tank lists	property and adjoinin	No	0	
State and tribal institutional control/engineering control registries	property only	No	0	
State and tribal voluntary cleanup sites	0.5	0.8	No	0
State and tribal Brownfield sites	0.5	0.8	No	0

22. Based upon a review of fire insurance maps (10.2.3) or local street directories (10.2.3), all as specified in the guide, are any buildings or other improvements on the property or on an adjoining property identified as having been used for an industrial use or uses likely to lead to contamination of the property?

Informed No

#### The Owner questionnaire answers were provided was completed by:

Name Steve Tricca  
Title General Manager  
Firm Middleton Golf Course  
Address 105 South Main St., Middleton MA

Phone number 978.774.4075  
Date 17-Jan-19  
Role(s) at the site General contractor  
Number of years at the sit 46  
Relationship to user (for example, principal, employee, agent, consultant)

#### The Occupant questionnaire answers were provided by:

Name NA  
Title NA  
Firm NA  
Address NA

Phone number  
Date  
Role(s) at the site  
Number of years at the site  
Relationship to user (for example, principal, employee, agent, consultant)

**ASTM E1527-13 Questionnaire**  
**Address: 93-105 South Main Street, Middleton, MA 01949**

**The Site Visit questionnaire was completed by:**

Name Patricia Donahue  
Title Environmental Professional  
Firm Geological Field Services, Inc.  
Address 14 Hubon St., Salem, MA 01970  
  
Phone number 978-594-1376  
Date 18-Jan-19  
Relationship to site Environmental Professional  
Relationship to user Environmental Professional

**The Government Records and Historical Sources Inquiry questionnaire was completed by:**

Name Patricia Donahue  
Title Environmental Professional  
Firm Geological Field Services, Inc.  
Address 14 Hubon St., Salem, MA 01970  
  
Phone number 978-594-1376  
Date 18-Jan-19  
Relationship to site Environmental Professional  
Relationship to user Environmental Professional


If the preparer(s) is different from the user, complete the following:

Name of User Burce Haskell, Langdon Enviornmental Services LLC  
User's address 2 Summer St., Natick, MA 01760  
User's phone number

Copies of the completed questionnaires have been filed at: GFS

Copies of the completed questionnaires have been mailed or delivered to: Bruce Haskell  
Langdon Environmental  
Services, LLC

Preparer represents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge knowledge no material facts have been suppressed or misstated.

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Signature  \_\_\_\_\_ Date \_\_\_\_\_  
Signature \_\_\_\_\_ Date 18-Jan-19

It is the user's responsibility to draw conclusions regarding affirmative or unknown answers.